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HERPETOLOGICAL  
TYPE-SPECIMENS  
IN THE  
UNIVERSITY OF ILLINOIS  
MUSEUM OF  
NATURAL HISTORY

HOBART M. SMITH  
DAVID A. LANGEBARTEL  
KENNETH L. WILLIAMS

ILLINOIS BIOLOGICAL MONOGRAPHS

32

THE UNIVERSITY OF ILLINOIS PRESS, URBANA

## ILLINOIS BIOLOGICAL MONOGRAPHS

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*Board of Editors:*  
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## INTRODUCTION AND ACKNOWLEDGMENTS

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The Museum of Natural History of the University of Illinois has in its herpetological collection a relatively large number of type-specimens, most of which are Mexican in geographic origin. Knowledge of the present location of holotype specimens is a worker's necessity, and for this reason as well as to record the entire present content of the Museum's herpetological type-collection, this report has been prepared, in conformance with the behest of the 1961 Code of the International Commission on Zoological Nomenclature (Art. 72D4).

In general, the form adopted is that of Peters' similar report (1952, *Occ. Papers Mus. Zool. Univ. Mich.*, no. 539) on the University of Michigan Museum of Zoology's herpetological type-collection. Since most of the specimens formerly bore numbers in other institutional or private collections, however, it has been regarded as essential to cite these numbers; they follow parenthetically immediately after the UIMNH number.

For the sake of brevity, EHT-HMS numbers for specimens formerly in the E. H. Taylor-H. M. Smith collection (the remainder of which is available in Lawrence, Kansas, as of June, 1963) are cited parenthetically with no prefix, or with the prefix "F" or "A" (letters which were part of the catalog number in the EHT-HMS collection).

Other museum abbreviations used with numbers in parentheses are: AMNH (American Museum of Natural History), ANB (A. N. Bragg), BYU (Brigham Young University), CMNH (Cincinnati Museum of Natural History), CNHM (Chicago Natural History Museum), CM (Carnegie Museum), D-S (David Dunkle and H. M. Smith), EHT (E. H. Taylor), FAS (F. A. Shannon), HMS (H. M. Smith), LMK (L. M. Klauber), MCZ (Museum of Comparative Zoology), MM (Magdeburg Museum), NHMTG (Natural History Museum, Tuxtla Gutierrez), OS (Ottys Sanders), OUZ (Ohio University Zoological Museum), SMF (Senckenberg Museum, Frankfurt a.M.), SU (Stanford University Museum), TCWM (Texas Cooperative Wildlife Museum, Texas A. and M.), TU (Tulane University), UCM (University of Colorado Museum), UMMZ (University of Michigan Museum of Zoology), USNM (U.S. National Museum), and WCAB (W. C. A. Boker-mann).

Several recently published lists of types record the current status of the original names based upon those types. We refrain from citation of current status primarily because the basic purpose of lists of types is solely objective—to record the location and essential data for onomatophores and paronomatophores. Their value is permanent. On the contrary, determination of current status is subjective, certainly nondefinitive, and its value is distinctly ephemeral. Mixing of these two sorts of objectives seems highly undesirable to us. Monographs, check lists, and other works are more appropriate for the polemics and ephemerality of concern with current status. Certainly in the history of a name only the original form is a truly permanent guide for reference; the accepted status today may be quite unacceptable tomorrow. Lists of types should not be “dated” by emphasis upon nomenclatural relationships of any given time, for these are subject to change. As a rule information on the status of any given name can be found by reference to standard monographs, and for the rare cases in which this is not true separate publication is more appropriate than an unexplained allocation in a list of types. In some cases it is an outright impossibility to express a definitive opinion on proper status; the necessary data for proper evaluation may not be available. Yet a consistent citation of current status would require expression of opinion upon controversial as well as accepted relationships, thus needlessly providing a further source for present and future error.

The sequence adopted for presentation of data is as follows: name (original), with author; the publication in which the type description appears; the specimen's nature (holotype, lectotype, syntype, paratype, hypoparatype; topoparatypes are so designated wherever appropriate); the UIMNH number; EHT-HMS number or other collection number in parentheses; the locality; the collector(s); the date of collection ("n.d." if no date is recorded); and "remarks," where pertinent.

All specimens (save the holotype or syntypes) clearly designated as forming a part of the original hypodigm are regarded as paratypes, whether they are so designated or not, with the single exception that if an author expressly indicated that certain specimens are not suitable as substitute name-bearers (neotypes), by citing those specimens as hypoparatypes, we here also so list those specimens. Paratypes not clearly so designated by the author are annotated.

Unfortunately the International Commission on Zoological Nomenclature has never made clear the role of paratypes in selection of neotypes. It may logically be assumed that their role is essentially the same as that of syntypes; loss of a holotype that was accompanied by paratypes would create a situation almost identical with that created by loss of a lectotype that was accompanied by other syntypes. Certainly in the latter situation the choice of a neotype would necessarily be restricted to the syntypes, assuming they are in satisfactory condition. In like manner, in case of loss of the holotype the choice of neotype would reasonably be restricted to the paratypes. Those specimens of the original hypodigm not suitable for a name-bearer because they are in such a poor or modified condition that they would not serve the essential role of fixation of name with an identified population may usefully be categorized as *hypoparatypes*, even as those syntypes inadequate for the role of substitute name-bearer may usefully be categorized as *hyposyntypes*.

The accompanying table indicates the extent of the type-collections as of June, 1963.

We are indebted to many persons for their patient cooperation with numerous details pertaining to the exchanges that are responsible for much of the variety of species now represented in the types collection. At the risk of unwittingly omitting some names we would



Table 1

## SUMMARY OF HERPETOLOGICAL TYPE-SPECIMENS IN THE UNIVERSITY OF ILLINOIS MUSEUM OF NATURAL HISTORY

	NO. TYPE-SPECIMENS	FORMS REPRESENTED BY					TOTAL FORMS
		SYNTYPE ALONE	LECTO-HOLO-TYPE ALONE	HOLO-TYPE ALONE	HOLO-TYPE AND OTHER TYPES	PARA-TYPES ALONE	
CAUDATA	461	0	0	3	5	77	85
SALIENTIA	421	1	0	19	11	90	121
TESTUDINES	28	1	0	1	0	12	14
SAURIA	664	17	0	14	24	145	200
SERPENTES	253	0	1	30	7	54	92
TOTALS	1,827	19	1	67	47	370	512

like to include, we acknowledge our gratitude to Mr. K. K. Adler, Dr. Miguel Álvarez del Toro, Dr. C. M. Bogert, Dr. Werner C. A. Bokermann, Dr. A. N. Bragg, Dr. Fred Cagle, Dr. Doris Cochran, Mr. Roger Conant, Dr. W. B. Davis, Dr. William Duellman, Dr. Günther Freytag, Major Chapman Grant, Dr. Norman Hartweg, Dr. Robert F. Inger, Dr. L. M. Klauber, Dr. T. Paul Maslin, Mr. Clarence J. McCoy, Dr. Robert Mertens, Mr. M. B. Mittleman, Dr. George Myers, Dr. M. Graham Netting, Dr. N. D. Richmond, Mr. Ottys Sanders, Dr. Frederick A. Shannon, Dr. and Mrs. Philip W. Smith, Dr. Wilmer W. Tanner, Dr. E. H. Taylor, Dr. Charles F. Walker, Dr. Ernest Williams, and Dr. Richard Zweifel. We acknowledge also our indebtedness to Dr. D. F. Hoffmeister for his enthusiastic cooperation in building and maintaining the herpetological collections of the Museum of Natural History; his generous support has been the most essential element in the successful growth of herpetological facilities at the University of Illinois. The Department of Zoology, through the generosity particularly of the successive heads Drs. Carl G. Hartman, F. B. Adamstone, and J. B. Kitzmiller, and the Graduate Research Board of the University of Illinois, have likewise been importantly instrumental in development of the herpetological museum by pro-

viding funds essential for acquisition of collections either by outright purchase or by exchange and by field work of associated personnel. To all these we are deeply grateful.

David A. Langebartel is now with the Department of Anatomy, Medical School, University of Wisconsin, Madison, Wisconsin.

## CAUDATA

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*Ambystoma bombypella* Taylor, 1940, Univ. Kansas Sci. Bull., 25 (for 1939): 418-420.

Paratype. 25043 (3998); Mexico: near Rancho Guadalupe, 14 km. E San Martín (Asunción), Mexico; E. H. Taylor; Aug. 3, 1932.

*Ambystoma fluminatum* Taylor, 1941, Copeia: 144-146.

Topoparatypes. 27231-2 (25384, -87); Mexico: Mojarachic, Chihuahua; I. Knobloch; June 20, 1940.

*Ambystoma granulosum* Taylor, 1944, Univ. Kansas Sci. Bull., 30: 57-61.

Paratypes. 22821-30 (24045, -48, -51, -53, -56, -59, -62, -65, -68, -71), 22831-2, 22834 (24074, -77, -83), 27227-8 (24047, -94); Mexico: km. 70-74, 10-12 mi. NW Toluca, Mexico; Taylor and Smith; 27228 Aug., 1939, others, 1940.

*Ambystoma lacustris* Taylor and Smith, 1945, Proc. U.S. Nat. Mus., 95: 532-534.

Topoparatypes. 27307, 27309 (22894, 22902); Mexico: Lake Zumpango, Mexico; Smith and Taylor; Sept. 6, 1939.

*Ambystoma ordinaria* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 422-424.

Topoparatypes. 27314-17 (16363, -66, -67A, -69), 30653-4 (16370, -85); Mexico: 4 mi. W El Mirador, near Puerto Hondo, Michoacán, 9,000 ft.; E. H. Taylor; Sept. 2-3, 1938.

*Ambystoma rosaceum sonoraensis* Shannon, 1951, Proc. U.S. Nat. Mus., 101: 468-469.

Topoparatype. 34758 (USNM 17256); Mexico: Sonora, 32 mi. S Arizona border; P. L. Jouy; n.d.

*Ambystoma schmidtii* Taylor, 1939, Univ. Kansas Sci. Bull., 25 (for 1938): 263-264.

Holotype. 25042 (3999); Mexico: 10 mi. E San Martín (Asunción) at Rancho Guadalupe, Mexico; E. H. Taylor; Aug. 3, 1932.



*Ambystoma subsalsum* Taylor, 1943, Copeia: 151–156.

Topoparatypes. 27323–5 (28358, –61, –64), 27327–28 (28370, –73); Mexico: Lake Alchichica, Puebla; E. H. Taylor and D. Forbes; Aug. 14–15, 1942. 27333 (24013); same locality and collectors; July 24, 1940.

*Aneides flavipunctatus niger* Myers and Maslin, 1948, Proc. Biol. Soc. Wash., 61: 132.

Paratypes. 48127 (UCM 1564); California: 4.3 mi. W Saratoga, Santa Clara Co.; T. P. Maslin and Wood; March 10, 1940. 48128 (UCM 1549); California: Congress Springs, 1.3 mi. W Saratoga, Santa Clara Co.; T. P. Maslin and Wood; March 10, 1940.

*Bolitoglossa arborea* Taylor, 1941, Herpetologica, 2: 62–65.

Topoparatypes. 27073–6 (16736, –42, –46, –49); Mexico: near Tianguistengo, Hidalgo; E. H. Taylor and Mr. and Mrs. R. Roberts; Aug. 13, 1938.

*Bolitoglossa cephalica rubrimembris* Taylor and Smith, 1945, Proc. U.S. Nat. Mus., 95: 539–541.

Topoparatype. 27299 (25412); Mexico: 6 km. S Santa Anita, Hidalgo, 4,500 ft.; E. H. Taylor; July 1, 1940.

*Bolitoglossa chondrostega* Taylor, 1941, Univ. Kansas Sci. Bull., 27: 113–115.

Topoparatypes. 27041–3 (17286, –92, –98); Mexico: Durango, Hidalgo, 5,000 to 6,000 ft.; E. H. Taylor; Sept. 12, 1938.

*Bolitoglossa cochranæ* Taylor, 1943, Univ. Kansas Sci. Bull., 29: 343–345.

Topoparatype. 27182 (24589); Mexico: Cerro San Felipe, Oaxaca, 8,800 ft.; R. C. and E. H. Taylor; July, 1940.

*Bolitoglossa dimidiata* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 408–411.

Paratypes. 27065–68 (17671, –81, –84, –87), 27072 (17704); Mexico: El Chico National Park, Hidalgo, 2,660 to 3,300 m.; E. H. Taylor; 1938.

*Bolitoglossa galeanae* Taylor, 1941, Proc. Biol. Soc. Wash., 54: 83-85.

Topoparatype. 38035 (26122); Mexico: 15 mi. W Galeana, Nuevo León; R. B. and H. M. Smith; Oct. 14, 1939.

*Bolitoglossa lavae* Taylor, 1942, Univ. Kansas Sci. Bull., 28: 295-298.

Topoparatypes. 27080-89 (28930, -33, -36, -39, -42, -45, -48, -51, -54), 27090-27101 (28957, -60, -63, -66, -72, -78, -81, -84, -87, -90, -93, -96), 27106-20 (29014, -17, -20, -23, -26, -29, -32, -35, -38, -44, -47, -50, -53, -56, -59); 2 mi. W La Joya, Veracruz; E. H. Taylor, D. Forbes, G. Garcia; Aug. 16, 1941.

*Bolitoglossa melanomolga* Taylor, 1941, Proc. Biol. Soc. Wash., 54: 81-83.

Holotype. 25041 (24626); Mexico: about 20 km. N San Antonio Limón (Totalco), Veracruz; R. C. and E. H. Taylor; June 24, 1940.

*Bolitoglossa nigroflavescens* Taylor, 1941, Univ. Kansas Sci. Bull., 27: 150-152.

Topoparatypes. 27186 (26791), 27188 (26796); Mexico: Cerro Ovando, Chiapas, 5,000-6,000 ft.; R. and H. M. Smith; April 16, 1940.

*Bolitoglossa nigromaculata* Taylor, 1941, Univ. Kansas Sci. Bull., 27: 141-145.

Topoparatypes. 27165-68 (24600, -06, -09, -12); Mexico: Cuautlapan, Veracruz; E. H. Taylor; summer, 1940.

*Bolitoglossa occidentalis* Taylor, 1941, Univ. Kansas Sci. Bull., 27: 145-147.

Paratype. 27189 (26561); Guatemala: El Porvenir, San Marcos; K. P. Schmidt; n.d.

Topoparatype. 27190 (27177); Mexico: La Esperanza, Chiapas; R. and H. M. Smith; April 9, 1940.

*Bolitoglossa terrestris* Taylor, 1941, Univ. Kansas Sci. Bull., 27: 115-117.

Paratypes. 26868-82 (17316, -14, -17, -20, -26, -29, -32, -35, -44 [2 specs.], 17311, -47, -56, -59, -50); Mexico: 5 to 6 mi. N Zacualtipan,

Hidalgo; R. C. and E. H. Taylor; Aug. 10, 1938. 26883-97 (23244, -47, -50, -53, -56, -59, -65, -68, -71, -74, -77, -80, -85, -86, -89), 26898-902 (23292, -95, -98, -304, -07); same locality and collectors; July 1-3, 1940. 26903-12 (23313, -16, -19, -22, -31, -34, -37, -40, -43, -46), 26913-24 (23349, -52, -55, -58, -61, -64, -70, -73, -76, -84, -85, -88); Mexico: 4 to 10 mi. S Tianguistengo, Hidalgo; same collectors; July 1-2, 1940.

*Bolitoglossa unguidentis* Taylor, 1941, *Herpetologica*, 2: 57-62.

Paratypes. 27174 (15642), 27177-79 (17106, -09, -12); Mexico: Cerro San Felipe and Cerro San Luis, Oaxaca; E. H. Taylor; Aug. 19-23, 1938.

*Bolitoglossa xolocalcae* Taylor, 1941, *Univ. Kansas Sci. Bull.*, 27: 148-150.

Topoparatypes. 10094-8 (USNM 111394-8), 27191-9 (26751, -54, -57, -63, -66, -69, -72, -75, -78), 27200-4, 27206-9 (25314, -17, -20, -23, -26, -32, -35, -38, -41); Mexico: Cerro Ovando, Chiapas, 6,800-8,000 ft.; R. and H. M. Smith; April 16, 1940.

*Chiropterotriton megarhinus* Rabb, 1960, *Copeia*, (4): 304-310, figs. 1-4, table 1.

Holotype. 40782; Mexico: northern slopes of Cerro Tres Picos, approx. 7,000 ft., 19 km. NE Tonalá, Chiapas; T. MacDougall; Feb. 1, 1957.  
Topoparatypes. 40777-81, 40783-84. Same data as holotype.

*Desmognathus aeneus* Brown and Bishop, 1947, *Copeia*, (3): 163-166, fig. 1.

Paratype. 39924 (CNHM 93390); North Carolina: 1½ mi. SSE Peachtree, seepage branch 100 ft. N Peachtree Creek, Cherokee Co.; J. C. Nicholls, Jr.; Oct. 23, 1946.

*Desmognathus chermocki* Bishop and Valentine, 1950, *Copeia*, (1): 39-43, figs. 1-3.

Paratype. 39925 (CNHM 86747); Alabama: Hurricane Creek, Tuscaloosa Co.; R. L. Chermock; March 30, 1949.

*Desmognathus fuscus welteri* Barbour, 1950, *Copeia*, (4): 277-278.

Paratype. 39926 (CNHM 61155); Kentucky: Razor Fork, 3,600 ft., Big Black Mt., Harlan Co.; Roger W. Barbour; July 9, 1948.

*Diemictylus viridescens evergladensis* Peterson, 1952, *Herpetologica*, 8: 103–106.

Holotype. 28740; Florida: 60 mi. W Miami, Loop Rd R and 94, Monroe Co.; H. W. Peterson; April 13, 1952.

Topoparatypes. 28738–9, 28741; same data.

Paratypes. 28743–7; Florida: 26 mi. W Miami, Rt. 41, Dade Co.; H. W. Peterson; April 16, 1952. 28748–65; Florida: 12.6 mi. W Miami, Rt. 41, Dade Co.; W. R. Johnson and H. W. Peterson; April 18, 1952. 30467–86, 30488–90, 30493–6; Florida: 26 mi. W Miami, Dade Co.; H. W. Peterson; May 1, 1952.

Remarks. Nos. 30467–91, 30493–6 are incorrectly numbered 30000–29 in paper.

*Eurycea bislineata rivicola* Mittleman, 1949, *Proc. Biol. Soc. Wash.*, 62: 93.

Paratypes. 34549–62 (OUZ 1058); Kentucky: Carter Cave, Carter Co.; n.d. 34563 (OUZ 1029); Kentucky: Cascade Cave, Carter Co.; Mittleman; May 13, 1939. 34564 (OUZ 924); W. Virginia: 5 mi. S Parkersburg, Wood Co.; Reynolds; April 7, 1939. 34565 (OUZ 933); W. Virginia: Varney, Mingo Co.; Gier; Sept. 30, 1939. 34566–7 (OUZ 28–29); Ohio: Canaan Twp., Sect. 11, Athens Co.; Oct. 23, 1937. 34668–9 (OUZ 946); Ohio: Adams Twp., Sect. 6–36, Monroe Co.; Reynolds; Oct. 13, 1939. 34570 (OUZ 906); Ohio: Carroll Co.; Buchanan; 1938. 34571–5 (OUZ 945); Ohio: 8 mi. NW Marietta, Washington Co.; Reynolds; Oct. 21, 1939. 34577–88 (OUZ 1028); Ohio: Salt Creek, Benton Twp., Hocking Co.; Gier; May 17, 1940.

*Eurycea bislineata wilderae* Dunn, 1920, *Proc. Biol. Soc. Wash.*, 33: 134.

Paratype. 41491 (MCZ 5842); Virginia: White Top, Grayson Co.; E. R. Dunn; July 9–11, 1919.

*Eurycea griseogaster* Moore and Hughes, 1941, *Copeia*, (3): 139–142, figs. 1–2.

Paratype. 39927 (CNHM 90818); Oklahoma: Swimmer's Creek, near its junction with Illinois River, 10 mi. NE Gore, Sequoyah Co.; A. Seamster and G. A. Moore; April 11, 1941.



*Eurycea longicauda pernix* Mittleman, 1942, Proc. New England Zool. Club, 21: 101–105.

Topoparatypes. 20667–72; Indiana: Jimmie Strahl Creek, Brown Co. St. Park, 2½ mi. SE Nashville, Brown Co.; M. B. Mittleman; Aug. 22, 1942.

*Eurycea nana* Bishop, 1941, Occ. Pap. Mus. Zool. Univ. Mich., (451): 6–9, pl. 1, fig. 1.

Paratype. 39928 (CNHM 91045); Texas: lake at head of San Marcos River, San Marcos, Hays Co.; C. E. Mohr; June 22, 1938.

*Gyrinophilus porphyriticus inagnoscus* Mittleman, 1942, Proc. New England Zool. Club, 20: 27.

Paratypes. 36173–5 (OUZ 383–5); Ohio: Squaw Hollow, Marietta, Washington Co.; Eggleston; April, 1936. 36176 (OUZ 916); Ohio: Eden Twp., Sect. 19, Licking Co.; W. Abbott; April 8, 1939. 36177 (OUZ 1230); Ohio: Carbondale Forest, 12 mi. W Athens, Athens Co.; H. T. Gier; May 25, 1941.

*Leurognathus marmorata intermedia* Pope, 1928, Amer. Mus. Nov., (306): 14–16.

Paratype. 40626 (AMNH 25556); North Carolina: Davis Gap, Waynesville Co.; C. H. Pope; July 17, 1927.

*Magnadigita brevipes* Bumzahem and Smith, 1955, Herpetologica, 11(1): 74–75.

Holotype. 33694; Mexico: Región de Soconusco, Chiapas; E. Matuda; between 1944 and 1949.

*Magnadigita riletti* Holman, 1964, Herpetologica, 20, in press.

Holotype. 52761; Mexico: 3.5 mi. S Putla, Oaxaca; Wm. Hill, J. A. Holman, Ronald Altig; Dec. 26, 1962.

Topoparatypes. 52754–60, same data as holotype except nos. 52754–5; Dec. 31, 1962.

*Manculus quadridigitatus paludicolus* Mittleman, 1947, Herpetologica, 3: 220–221.

Paratype. 43487 (UMMZ 75941); Louisiana: 4 mi. N Turkey Creek, Evangeline Parish; C. F. Walker; Feb. 18, 1934.

*Necturus maculosus stictus* Bishop, 1941, Occ. Pap. Mus. Zool. Univ. Mich., (451): 9-12.

Paratype. 39929 (CNHM 93174); Wisconsin: Lake Winnebago, Winnebago Co.; Jos. Pawlack; April 1, 1941.

*Oedipus bromeliacea* Schmidt, 1936, Field Mus. Nat. Hist., Zool. Ser., 20(17): 161-163, fig. 18 (part).

Paratype. 39930 (CNHM 20294); Guatemala: trail above El Porvenir, 8,500 ft., Volcán Tajumulco, San Marcos; K. P. Schmidt; Feb. 19, 1934.

*Oedipus dunni* Schmidt, 1933, Field Mus. Nat. Hist., Zool. Ser., 20: 16-17.

Paratype. 39931 (CNHM 4556); Honduras: mts. W San Pedro, 4,500 ft.; Schmidt and Walters; April 1, 1923.

*Oedipus engelhardti* Schmidt, 1936, Field Mus. Nat. Hist., Zool. Ser., 20(17): 156-157, fig. 18 (part).

Paratype. 39932 (CNHM 20705); Guatemala: Volcán Tajumulco, 5,500-5,600 ft., San Marcos; K. P. Schmidt; Feb. 27, 1934.

*Oedipus frankini* Schmidt, 1936, Field Mus. Nat. Hist., Zool. Ser., 20(17): 159-161, fig. 19.

Paratype. 39933 (CNHM 20320); Guatemala: trail above El Porvenir, 7,400 ft., Volcán Tajumulco, San Marcos; K. P. Schmidt; Feb. 22, 1934.

*Oedipus goebeli* Schmidt, 1936, Field Mus. Nat. Hist., Zool. Ser., 20(17): 163-164, fig. 17 (part).

Paratype. 39934 (CNHM 20299); Guatemala: trail above El Porvenir, 10,200 ft., Volcán Tajumulco, San Marcos; K. P. Schmidt; Feb. 15, 1934.

*Oedipus helmrichi* Schmidt, 1936, Field Mus. Nat. Hist., Zool. Ser., 20(17): 152-154, fig. 18 (part).

Paratype. 39935 (CNHM 20727); Guatemala: Finca Samac, 5,000 ft., W Cobán, Alta Verapaz; Daniel Clark; March 27, 1934.

*Oedipus multidentata* Taylor, 1939, Univ. Kansas Sci. Bull., 25 (for 1938): 289-291.

Paratypes. 23336-8 (15664, -5, 15798), 26929-39 (15658 [2 specs.], -61, -67, -70, -73, -79, -82, -85, -91, -94), 26940-51 (15697, -700, -03, -06,

-09, -12, -15, -18, -21, -24, -27, -30), 26956-68 (15751, -60, -66, -69, -72, -75, -81, -87, -90, -93, -96, -99, -802), 26969-80 (15803, -08, -11, -17, -20, -23, -26, -29, -32, -38, -44, -47); Mexico: El Chico National Park, Hidalgo; E. H. Taylor; Aug. 2, 1938.

*Oedipus nasalis* Dunn, 1924, Field Mus. Nat. Hist., Zool. Ser., 12: 97-98.

Paratype. 39936 (CNHM 4585); Honduras: mts. W San Pedro, 4,500 ft.; Schmidt and Walters; April 1, 1923.

*Oedipus robertsi* Taylor, 1938 (1939), Univ. Kansas Sci. Bull., 25: 287-289, pl. 26, fig. 2.

Paratypes. 27211-14 (15603, 15606, 15609, 15615); Mexico: Nevado de Toluca, 10,000-11,000 ft., Mexico; E. H. Taylor; Aug. 31, 1938.

*Oedipus smithi* Taylor, 1939, Univ. Kansas Sci. Bull., 25 (for 1938): 269-272.

Topoparatype. 27226 (3965); Mexico: Cerro San Luis, 15 mi. NW Oaxaca, Oaxaca; H. M. Smith; Aug. 5, 1935.

Paratypes. 27216-8 (15619, -22, -25), 27220 (15634); Mexico: Cerro San Felipe, 15 mi. NW Oaxaca, Oaxaca; E. H. Taylor; Aug. 20, 22, 1938.

*Plethodon cinereus angusticlavius* Grobman, 1944, Ann. N.Y. Acad. Sci., 45: 302-306, fig. 8.

Paratype. 39937 (CNHM 91498); Missouri: Mus Cave, 5½ mi. N Reed's Spring, Stone Co.; Byron C. Marshall; Oct. 5, 1927.

*Plethodon cinereus serratus* Grobman, 1944, Ann. N.Y. Acad. Sci., 45(7): 306-308, fig. 9.

Paratypes. 39938 (CNHM 28431); Arkansas: N side of ridge, Rich Mt., 2,500 ft., Polk Co.; Schmidt, Barbour, and Schmidt; March 22, 1938. 43488 (UMMZ 77805); Arkansas: 2 mi. W. Acorn, Polk Co.; Heinze, Boyer, Hubricht; April 28, 1935.

*Plethodon dixi* Pope and Fowler, 1949, Nat. Hist. Misc., 47: 1-4.

Paratype. 39939 (CNHM 56574); Virginia: Dixie Caverns, 8.5 mi. WSW Salem, 1,170 ft., 25-75 ft. from entrance, Roanoke Co.; Popes and J. Funkhouser; July 11, 1948.

*Plethodon glutinosus albagula* Grobman, 1944, Ann. N.Y. Acad. Sci., 45: 283-285, fig. 3.

Paratype. 39940 (CNHM 92671); Texas: Heidrich Cave, 3 mi. W New Braunfels, Comal Co.; C. E. Mohr; June 20, 1938.

*Plethodon huldae* Grobman, 1949, Proc. Biol. Soc. Wash., 62: 136-139, table 1.

Paratype. 39941 (CNHM 92676); Virginia: trail to Hawksbill Mt., 100 yds. from skyline drive, 3,500 ft., Madison Co.; R. Hoffman, H. I. Kleinpeter, and A. Grobman; Aug. 7, 1947.

*Plethodon longicrus* Adler and Dennis, 1962, Spec. Publ. Ohio Herp. Soc., (4): 1-14, pls. 1-2.

Topoparatypes. 50346-7; North Carolina: NE slope Bluerock Mt., below the Bat Caves, 0.8 mi. ESE Bat Cave, 1,645 ft., Rutherford Co.; K. K. Adler, D. M. Dennis, C. J. Hirschfeld, and G. Tilley; Aug. 28, Nov. 4, 1961.

*Plethodon nettingi* Green, 1938, Ann. Carn. Mus., 27: 295.

Paratype. 34364 (CM 11809); West Virginia:  $\frac{1}{4}$  mi. SE Cheat Bridge, Randolph Co.; N. D. Richmond; July 15, 1936.

*Plethodon shermani melaventris* Pope and Hairston, 1948, Copeia, (2): 107.

Paratype. 39942 (CNHM 47615); North Carolina: Highlands, 3,800 ft., Macon Co.; Alexander Pope; July 27, 1946.

*Plethodon welleri ventromaculatum* Thurow, 1956, Amer. Midl. Nat., 55: 343-356, pl. 1, figs. 1-4.

Paratype. 40630 (AMNH 54448); Virginia: Mt. Rogers, 5,500 ft., Grayson Co.; C. M. Bogert; July 8, 1949.

*Pseudobranchius striatus axanthus* Netting and Goin, 1942, Ann. Carn. Mus., 29: 183-193, pl. 1, figs. 1-2.

Paratype. 40627 (AMNH 32058); Florida: Gainesville; W. G. Hassler; April-May, 1929.



*Pseudoeurycea brunnata* Bumzahem and Smith, 1955, *Herpetologica*, 11(1): 73–74.

Holotype. 33708; Mexico: Región de Soconusco, Chiapas; E. Matuda; between 1944 and 1949.

Paratypes. 33703–6, 33709–16; same data.

*Pseudoeurycea expectata* Stuart, 1954, *Proc. Biol. Soc. Wash.*, 67: 159–162.

Paratype. 39943 (CNHM 68744); Guatemala: 5 mi. E Matasquescuintla, La Soledad Grande, Jalapa; Luis de la Torre; April 8, 1952.

*Pseudoeurycea firscheini* Shannon and Werler, 1955, *Herpetologica*, 11(2): 82–84.

Topoparatype. 21807; Mexico: 2 mi. W Acultzingo, Veracruz, 7,000 ft.; J. Werler and J. Reid; Feb. 4–19, 1953.

*Pseudoeurycea scandens* Walker, 1955, *Occ. Pap. Mus. Zool. Univ. Mich.*, 567: 1–9.

Paratype. 37294 (UMMZ 100657); Mexico: Rancho del Cielo, about 5 mi. NW Gomez Fariás, Tamaulipas, about 3,500 ft.; P. S. Martin, R. Robins, W. Heed, F. Harrison; March 11–July 1, 1949.

Remarks. Presumably this can be regarded a topotype.

*Pseudoeurycea werleri* Darling and Smith, 1954, *Trans. Kansas Acad. Sci.*, 57(2): 180–185.

Holotype. 33897; Volcán San Martín, Veracruz; D. Darling; Feb. 22–28, 1953.

Topoparatype. 33895; same data.

*Rhyacosiredon rivularis* Taylor, 1940, *Herpetologica*, 1: 171–176.

Topoparatypes. 27240 (16387); Mexico: about 13 km. W Villa Victoria, Mexico; E. H. Taylor; Sept. 11, 1938.

*Rhyacosiredon zempoalaensis* Taylor and Smith, 1945, *Proc. U.S. Nat. Mus.*, 95: 527–529.

Topoparatypes. 27245, 27247 (22175, –83); Mexico: Lakes of Zempoala, Morelos, about 10,000 ft.; R. C. and E. H. Taylor; Aug. 25, 1939.

- Salamandra salamandra gigliolii* Eiselt and Lanza, 1956, Abh. Ber. Naturk. Vorgesch. Magdeburg, 10: 3-11, 2 col. pls.  
Paratype. 51439 (MM 954n.F.); Italy: Marchesale; D. Lendvai; May 9, 1955.
- Siredon lermaensis* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 427-430.  
Topoparatypes. 27235 (22571); 27239 (22586); Mexico: Lake Lerma, E Toluca, Mexico; E. H. Taylor and H. M. Smith; Sept. 16, 1939.
- Siren intermedia nettingi* Goin, 1942, Ann. Carn. Mus., 29: 211-217.  
Paratype. 40628 (AMNH 36287); Arkansas: Imboden, Lawrence Co.; B. C. Marshall; March, 1930.
- Thorius dubitus* Taylor, 1941, Univ. Kansas Sci. Bull., 27: 108-110.  
Topoparatypes. 26808-19 (17731, -34, -35, -37, -43, -46, -58, -55, -60, -61, -64, -67), 26820-1, 26823-5 (17770 [2 specs.], -79, -82, -85); Mexico: mountain summit about 2 mi. S Acultzingo, Veracruz; E. H. Taylor; July 20, 1938. 26826 (22064), 26830 (22079); same locality and collector; 1939.
- Thorius narisovalis* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 416-418.  
Topoparatypes. 26831-41 (17794, -7, 17800, -03, -06, -09, -12, -18, -21, -24, -27), 26842-50 (17830, -33, -36, -42, -45, -48, -54 -57, -60), 26854 (17864); Mexico: Cerro San Felipe, 15 km. N Oaxaca, Oaxaca, about 2,600-3,000 m.; E. H. Taylor; Aug. 18-22, 1938.
- Thorius pennatulus narismagnus* Shannon and Werler, 1955, Herpetologica, 11: 364, fig.  
Paratype. 35421; Mexico: 6 mi. SW Veracruz-Puebla boundary, 10 mi. SW Mecatepec, Puebla; H. Barden and I. L. Firschein; 1952-53.
- Thorius pulmonaris* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 411-414.  
Topoparatypes. 30985-8 (16728, -31, -22, -24), 30989-99 (16676, -78, -81, -84, -87, -90, -93, -96, -99, 17701, -04); Mexico: Cerro San Felipe,

about 12 km. N Oaxaca, Oaxaca; Mr. and Mrs. R. Roberts and E. H. Taylor; Aug. 18–22, 1938.

*Thorius troglodytes* Taylor, 1941, Univ. Kansas Sci. Bull., 27: 110–112.

Topoparatype. 27046 (17790); Mexico: along old road on mountains about 2 mi. S Acultzingo, Veracruz; E. H. Taylor; July 10, 1938.

*Triturus granulosus mazamae* Myers, 1942, Copeia, (2): 80–81, fig. 1. Paratype. 41038 (SU 3898); Oregon: Crater Lake, Crater Lake National Park, Klamath Co.; J. Heath; July 7, 1938.

*Triturus sierrae* Twitty, 1942, Copeia, (1): 65, pl. 1.

Paratypes. 40629 (AMNH 53798); California: Cherokee Creek, near Chico, Butte Co.; V. C. Twitty and G. S. Myers; April 9, 1937. 40805 SU 2447; California: hills behind Chico, Cherokee Creek, Butte Co.; V. Twitty and G. S. Myers; April 19, 1937.

*Typhlotriton nereus* Bishop, 1944, Copeia: 1.

Paratypes. 27300–2; Kansas: near Riverton, Cherokee Co.; Smith, Taylor, McKnown, and Lane; March 26, 1931.

## SALIENTIA

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*Acris gryllus paludicola* Burger, P. W. Smith, and H. M. Smith, 1949, Jour. Tenn. Acad. Sci., 24: 131–132.

Holotype. 872; Texas: 5 mi. W Sabine Pass, Jefferson Co.; N. E. Worsham; May 2, 1948.

Topoparatypes. 850–3, 855–8, 861–5; same data, with various collectors.

*Arthroleptis bequaerti* Barbour and Loveridge, 1929, Proc. New England Zool. Club, 11: 25.

Paratype. 41490(MCZ 14764); Belgian Congo: Mt. Vissoke; J. Derscheid; 1927.

*Atelopus spurrelli certus* Barbour, 1923, Occ. Pap. Mus. Zool. Univ. Mich., (129): 12.

Paratype. 41483(MCZ 9242); Panamá: Mt. Sapo; Barbour and Brooks; 1922.

*Bufo angustipes* Taylor and Smith, 1945, Proc. U.S. Nat. Mus., 95 (3185): 553-555, fig. 59.

Paratype. 26855 (3883); Mexico: near Tapachula, Chiapas; H. M. Smith and E. H. Taylor; Aug. 24, 1935.

*Bufo cavifrons* Firschein, 1950, Copeia: 84-85.

Holotype. 8741; Mexico: 500 ft. below top of Volcán San Martín, Veracruz; I. L. Firschein; Aug. 29, 1947.

*Bufo debilis retiformis* Sanders and Smith, 1951, Field and Laboratory, 19: 153-156.

Holotype. 5847; Arizona: 14.4 mi. S Ajo, Pima Co.; M. Hensley and W. L. Burger; July 1, 1948.

*Bufo exsul* Myers, 1942, Occ. Pap. Mus. Zool. Univ. Mich., (460): 3.

Paratype. 40802(SU 2548); California: Deep Springs, Deep Springs Valley, Inyo Co.; Ferris, Myers, and Wiggins; May 1, 1937.

*Bufo gemmifer* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 490-492.

Topoparatype. 25130 (18497); Mexico: El Limoncito, near La Venta, Guerrero; E. H. Taylor; June 29, 1938.

*Bufo houstonensis* Sanders, 1953, Herpetologica, 9: 27-45.

Holotype. 33687 (OS 3006); Texas: Fairbanks, Harris Co.; J. C. Wottring and W. J. Greer; May 18, 1952.

Topoparatype. 33689 (OS 3024); same data.

*Bufo kelloggi* Taylor, 1938, Univ. Kansas Sci. Bull., 24 (for 1936): 510-514.

Paratypes. 23450-8 (15, 18, 22, 25, 28, 31, 34, 37, 40); Mexico: Mazatlán, Sinaloa; E. H. Taylor; July 20-21, 1934.



*Bufo mazatlanensis* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 492–494.

Topoparatype. 24949 (373); Mexico: 2 mi. E Mazatlán, Sinaloa; E. H. Taylor; July 20, 1934.

*Bufo nayaritensis* Taylor, 1943, Univ. Kansas Sci. Bull., 29: 349–351.

Topoparatypes. 24933–44 (380, –2, –3, –6, –9, 392, –5, –8, 407, 410, 413, 416); Mexico: Tepic, Nayarit; E. H. Taylor; July 28, 1934.

*Bufo perplexus* Taylor, 1943, Univ. Kansas Sci. Bull., 29: 347–349.

Paratypes. 21689–90 (25419, 25422); Mexico: vicinity of Chilpancingo, Guerrero; E. H. and R. C. Taylor; July 28, 1940. 21691–4 (6269, –73, –74, –71); Mexico: El Naranjo, Guerrero; E. H. Taylor; July, 1936. 21695–21704 (18441, 6236, 6239, –42, –41, –43, –45, –48, –51, –54); Mexico: Tonolapam, Guerrero; E. H. Taylor; July, 1936. 21712 (6266); Mexico: vicinity of Mexcala, Guerrero; E. H. Taylor; July 18, 1936. 21714–22 (689, 692, 695, 691, 698, 700, 701, 704, 708); Mexico: vicinity of Mexcala, Guerrero; Smith and Taylor; June 24, 1932. 21723–4 (6275, 6276); vicinity of Mexcala, Guerrero; E. H. Taylor; July, 1936. 21726–35 (6211, –14, –17, –20, –23, –26, –29, –32, 18217, –20); km. 133, near Huajintlán, Morelos; E. H. Taylor; 1936, 1938. 21736–8 (18213, –16, –23); 21740 (18215); about 10 km. NE Cuernavaca, Morelos; E. H. Taylor; June, 1938. 21741–50 (815, 813, 816, 818, 820, 821, 822, 825, 826, 828); Tonalá, Chiapas; Smith and Taylor; June 27, 1935. 21752 (6269); El Naranjo, Guerrero; E. H. Taylor; July 18, 1936.

*Bufo tacanensis* P. W. Smith, 1952, Copeia: 176–177.

Paratype. 24873; Mexico: Volcán de Tacaná, above Cacahuatán, Chiapas; C. J. and M. Goodnight; Aug., 1950.

*Bufo terrestris charlesmithi* Bragg, 1954, Wasmann Jour. Biol., 12(2): 245–254.

Paratypes. 33722–3 (ANB 17, 20); Oklahoma: 1.8 mi. S and 7 mi. E Norman, Cleveland Co.; A. N. Bragg; May 9, 1939. 33726; Oklahoma: near Tulsa, Creek Co.; H. Dundee; n.d.

*Bufo valliceps macrocristatus* Firschein and Smith, 1957, *Herpetologica*, 13(4): 219–221.

Holotype. 35583; Mexico: between La Gloria and Cerro Azul (presumably nearer Cerro Azul), Oaxaca; Thomas MacDougall; March 24–26, 1950.

Paratypes. 35584–86; Mexico: mountains between La Gloria and Juchitán, Oaxaca; T. MacDougall; Jan. 11 and 16, 1950. 11308–09, 11311, 14388; Mexico: Palenque ruins, Chiapas; H. M. Smith, July 4, 1939; and C. J. Goodnight, July 7, 1949. 35764; Mexico: Cerro Brujo, Chiapas; J. Werler; Jan. 17–Feb. 7, 1954.

Hypoparatypes. 11312–21, 14381–7; Mexico: Palenque ruins, Chiapas; H. M. Smith, July 4, 1939; and C. J. Goodnight, July 7, 1949.

*Bufo woodhousei australis* Shannon and Lowe, 1955, *Herpetologica*, 11: 185.

Paratypes. 48471–73 (FAS 2900, 2901, 2905); Arizona: at the canal and 7th Avenue, Sunnyslope, Phoenix, Maricopa Co.; F. A. Shannon, R. Abbuhl, and J. Nogle; April 14, 1951.

*Bufo woodhousei velatus* Bragg and Sanders, 1951, *Wasmann Jour. Biol.*; 9: 366.

Topoparatypes. 27535–6 (OS 1870, 1871); Texas: Elkhart, Anderson Co.; O. and R. Sanders; March 8, 1951.

*Centrolenella viridissima* Taylor, 1942, *Univ. Kansas Sci. Bull.*, 28: 75–77.

Topoparatype. 27038 (27719); Mexico: Agua del Obispo, Guerrero; E. H. Taylor; Aug. 2, 1941.

*Dendrobates galindoi* Trapido, 1953, *Fieldiana, Chicago Nat. Hist. Mus.*, 34(15): 182–187, figs. 36–37.

Paratype. 39944 (CNHM 71085); Panamá: Bastimentos, Bastimentos Island, Bocas del Toro; H. Trapido, P. Galindo V., and W. Hils; Nov. 22, 1952.

*Dendrobates histrionicus confluens* Funkhouser, 1956, *Zoologica*, 41: 75.

Paratype. 40809 (SU 13262); Columbia: Prov. de Narino, La Ciudad de Madrigal; R. Blomberg; Nov. 18, 1953.

*Dendrobates histrionicus sylvaticus* Funkhouser, 1956, Zoologica, 41: 73.

Paratype. 40808 (SU 10566); Ecuador: Pichincha Prov., road to Chone (9 mi. W Santo Domingo de las Colorados, Hda. Espinosa); J. Funkhouser; Oct. 25–Dec. 2, 1950.

*Dendrobates minutus ventrimaculatus* Shreve, 1935, Occ. Pap. Boston Soc. Nat. Hist., 8: 213.

Paratype. 41477 (MCZ unnumbered); Perú: Pastaza River, Canelos to Marañon; C. Spencer; Aug. 31, 1932.

*Eleutherodactylus bolivari* Taylor, 1942, Univ. Kansas Sci. Bull., 28: 298–299.

Holotype. 15968 (29564); Mexico: Ixtapan del Oro, Mexico; C. Bolivar Pieltain; June 11, 1941.

*Eleutherodactylus greggi* Bumzahem, 1955, Copeia, (2): 118–119.

Paratype. 39945 (CNHM 71842); Guatemala: near San Marcos, Volcán Tajumulco, 6,000 ft.; K. P. Schmidt; Feb. 27, 1934.

*Eleutherodactylus loki* Shannon and Werler, 1955, Trans. Kansas Acad. Sci., 58: 369–372, fig. 2.

Paratypes. 35383–35386; Mexico: Volcán San Martín, Veracruz; H. Barden and I. L. Firschein; 1952–53.

*Eleutherodactylus macdougalli* Taylor, 1942, Univ. Kansas Sci. Bull., 28: 71–73.

Holotype. 15907 (27482); Mexico: above La Gloria, Oaxaca, N Niltepec, Atlantic exposure, about 4,500 ft.; T. MacDougall; Feb. 23–27, 1941.

*Eleutherodactylus matudai* Taylor, 1941, Univ. Kansas Sci. Bull., 27: 154–157.

Topoparatype. 15908 (24353); Mexico: Mt. Ovando, Chiapas; R. and H. M. Smith; April 16, 1940.

*Eleutherodactylus milesi* Schmidt, 1933, Field Mus. Nat. Hist., Zool. Ser., 20: 18–19.

Paratype. 39946 (CNHM 4701); Honduras: mts. W San Pedro, 4,500 ft.; Schmidt and Walters; March 31, 1923.

*Eleutherodactylus natator* Taylor, 1939, Univ. Kansas Sci. Bull., 25 (for 1938): 394-397.

Topoparatype. 15913 (6371); Mexico: Tlilapam, Veracruz; E. H. Taylor; Aug. 16, 1936.

*Eleutherodactylus pygmaeus* Taylor, 1936, Trans. Kansas Acad. Sci., 39: 352-354.

Holotype. 16125 (3691); Mexico: 1 mi. N Rodriguez Clara, Veracruz; E. H. Taylor and H. M. Smith; Sept. 7, 1935.

*Eleutherodactylus saltator* Taylor, 1941, Proc. Biol. Soc. Wash., 54: 89-91.

Topoparatype. 21437 (24293); Mexico: Omilteme, Guerrero, about 8,000 ft.; E. H. Taylor; Aug. 2-4, 1940.

*Eleutherodactylus sanmartinensis* Shannon and Werler, 1955, Trans. Kansas Acad. Sci., 58: 375-379, fig. 4.

Paratypes. 33912; Mexico: Volcán San Martín (3,000-4,000 ft.), Veracruz; J. Werler, J. Reid, and D. M. Darling; Feb. 22-28, 1953. 35369, 35387; same locality as above (4,500 ft.); I. L. Firschein and H. Barden; 1952-53.

*Eleutherodactylus spatulatus* Smith, 1939, Proc. Biol. Soc. Wash., 52: 187.

Paratype. 49224; Mexico: Cuautlapan, Veracruz; H. M. Smith; Jan. 16, 1939.

*Eleutherodactylus tarahumaraensis* Taylor, 1940, Copeia: 250-253.

Holotype. 15955 (23008); Mexico: Mojárachic, Chihuahua, about 6,900 ft.; I. W. Knobloch; n.d.

*Eleutherodactylus vocalis* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 401-405.

Topoparatypes. 15961 (6384); Mexico: Hda. El Sabino, Uruapan, Michoacan; J. R. Bresson; June, 1936.



*Eleutherodactylus vulcani* Shannon and Werler, 1955, Trans. Kansas Acad. Sci., 58(3): 360–386.

Paratypes. 35765; Mexico: base of Volcán San Martín, Veracruz, 1,700 ft.; J. Werler, J. Reid, B. Roberts, and D. Darling; Jan. 17–Feb. 7, 1954. 35766; slopes of Volcán San Martín, Veracruz, 3,000–4,000 ft.; J. Werler, J. Reid, and B. Roberts; Feb. 4–19, 1953.

*Gastrotheca monticola* Barbour and Noble, 1920, Bull. Mus. Comp. Zool., 58: 426, pl. 2, figs. 1–2.

Paratype. 41480 (MCZ 5295); Perú: Huancabamba; G. K. Noble; Aug. 10–20, 1916.

*Hyla arborescendens* Taylor, 1939, Univ. Kansas Sci. Bull., 25 (for 1938): 388–391.

Holotype. 25045 (3135); Mexico: 3 mi. SW Acultzingo, Veracruz; E. H. Taylor and H. M. Smith; July 22, 1932.

*Hyla arboricola* Taylor, 1941, Univ. Kansas Sci. Bull., 27: 118–119.

Topoparatypes. 27012–18 (24559, –62, –65, –68, –71, –74, –77); Mexico: 6 mi. E Omilteme, Guerrero, about 7,000 ft.; E. H. Taylor; Aug. 5, 1940.

*Hyla beltrani* Taylor, 1942, Univ. Kansas Sci. Bull., 28: 306–308.

Holotype. 25046 (29563); Mexico: Tapachula, Chiapas; A. Magaña; Aug. 1, 1941.

*Hyla bivocata oaxacae* Lynch, 1964, Herpetologica, 20, in press.

Holotype. 9121; Mexico: 4 mi. N El Candelaria, Oaxaca; W. L. Burger; July 10, 1949.

Topoparatypes. 9122–52, same data as holotype.

Paratypes. 9153–4; Mexico: El Soledad, Oaxaca; W. L. Burger; July 21, 1949.

*Hyla bromeliacea* Schmidt, 1933, Field Mus. Nat. Hist., Zool. Ser., 20: 19–20.

Paratype. 39947 (CNHM 4723); Honduras: mts. W San Pedro, 4,500 ft.; Schmidt and Walters; April 1, 1923.

*Hyla charadricola* Duellman, 1964, in press.

Paratype. 50966; Mexico: 14.4 km. W Huauchinango, Puebla; W. E. Duellman; May 22, 1961.

*Hyla darlingi* Smith, Smith, and Werler, 1952, Texas Journ. Sci., 4(2): 254.

Holotype. 21903; Mexico: Xico, Veracruz; J. Werler; Nov. 12, 1948.

*Hyla echinata* Duellman, 1961, Trans. Kansas Acad. Sci., 64(4): 349-352, figs. 1-2.

Holotype. 49339; Mexico: Vista Hermosa, Oaxaca (el. 1,500 m.); O. C. Van Hyning; April 29, 1960.

*Hyla euphorbiacea biseriata* Lynch, 1964, Herpetologica, 20, in press.

Holotype. 9841; Mexico: 15 mi. S Pichucalco, Chiapas; W. L. Burger; Aug. 19, 1949.

Topoparatypes. 9842-6, same data as holotype.

Paratypes. 9837-40; Mexico: 13 mi. E Las Rosas, Chiapas; W. L. Burger; Aug. 16, 1949. 51163-4; Mexico: San Cristobal, Chiapas; John Werler; n.d.

*Hyla forbesi* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 513-515.

Holotype. 25048 (22276); Mexico: 3 mi. SW Acultzingo, Veracruz; D. Forbes; Aug. 27, 1939.

*Hyla loquax* Gaige and Stuart, 1934, Occ. Pap. Mus. Zool. Univ. Mich., (281): 1-3.

Paratype. 43483 (UMMZ 75450); Guatemala: El Petén, 2 mi. N La Libertad; L. C. Stuart; June 9, 1933.

*Hyla melanomma* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 508-510.

Topoparatypes. 27002-5, 27007-9 (21545, -48, -51, -54, -60, -63, -66); Mexico: 7 mi. E Chilpancingo (Ciudad Bravos), Guerrero; H. M. Smith and E. H. Taylor; Aug. 29, 1939.

*Hyla microcephala martini* Smith, 1951, *Herpetologica*, 7: 187–190.

Holotype. 20965 (12579); Mexico: Encarnación, Campeche; H. M. Smith; Aug. 11–12, 1936.

Paratypes. 20942–3; Mexico: San Andrés Tuxtla, Veracruz; H. M. Smith; Aug. 27, 1935. 20944–6; Balchacaj, Campeche; H. M. Smith; Sept. 7, 1936. 20947; Tres Brazos, Campeche; H. M. Smith; Sept. 18, 1936. 20948–58; Encarnación, Campeche (topotypes); H. M. Smith; Oct. 1–10, 1936. 20966; Guatemala: Piedras Negras, Petén; H. M. Smith; Aug. 15–16, 1939.

Remarks. 20943 is omitted from the description, but should be considered a paratype since it is of the same series as 20942 and others.

*Hyla microcephala sartori* Smith, 1951, *Herpetologica*, 7: 186–187.

Holotype. 20934 (3663); Mexico: 1 mi. N Organos, S El Treinte, Guerrero; E. H. Taylor and H. M. Smith; June 28, 1932.

Topoparatypes. 20933, 20935; same data.

Paratypes. 20936–7; Mexico: El Limoncito, near La Venta, Guerrero; E. H. Taylor; July 1, 1938.

Remarks. Nos. 20942–5 are listed in the description in error and belong to *Hyla m. martini*.

*Hyla microeximia* Maslin, 1957, *Herpetologica*, 13: 81–86, fig. 1.

Paratypes. 41475–76 (UCM 8381, 8397); Mexico: 3 mi. NW Jocotepec, Jalisco; T. P. Maslin; June 20, 1956.

*Hyla milleri* Shannon, 1951, *Proc. U.S. Nat. Mus.*, 101: 473–477.

Topoparatype. 3201 (USNM 123699); Mexico: San Lucas Camotlán, Oaxaca; W. S. Miller; May 7, 1946.

Remarks. Number incorrectly given as 3200 in description.

*Hyla phaeota cyanosticta* Smith, 1953, *Herpetologica*, 8: 150–152.

Topoparatype. 28853; Guatemala: Piedras Negras, Petén; H. M. Smith; May 28 or 29, 1939.

*Hyla pinorum* Taylor, 1937, *Proc. Biol. Soc. Wash.*, 50: 46–48.

Holotype. 25049 (5972); Mexico: Agua del Obispo, Guerrero; E. H. Taylor; July 24, 1936.

*Hyla rickardsi* Taylor, 1939, Univ. Kansas Sci. Bull., 25 (for 1938): 385-388.

Paratypes. 39383-93 (1431, -34, -37, -40, -43, -46, -49, -52, -55, -58, -61); Mexico: 4 mi. E Encero, Veracruz; E. H. Taylor and H. M. Smith; July 17, 1932. 39394-7 (1470, -73, -76, -79); same data.

Topoparatypes. 39401-11 (5898, 5904A, 5904, -07, -10, -13, -19, -22, -25, -31, -34); Mexico: near Potrero Viejo, Veracruz; Mr. and Mrs. D. Forbes; Aug. 29, 1936. 39412-22 (5937, -40, -43, -46, -49, -52, -55, -58, -61, -64, -67); same data.

*Hyla robertmertensi* Taylor, 1937, Proc. Biol. Soc. Wash., 50: 43-45.

Topoparatype. 26987 (2269); Mexico: near Tapachula, Chiapas; E. H. Taylor and H. M. Smith; Aug. 24, 1935.

Paratypes. 26988 (2273); Mexico: near Tonalá, Chiapas; same collectors; Aug. 27, 1935. 26989-90 (2281, 2285); near Asunción, Chiapas; same collectors; Sept. 1, 1935.

*Hyla robertsorum* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 393-396.

Topoparatypes. 27022-35 (16265, -68, -71, -74, -77, -80, -83, -86, -89, -92, -95, -98, 16301, -04); Mexico: El Chico National Park, Hidalgo; Mr. and Mrs. R. Roberts and E. H. Taylor; Aug. 7, 1938.

*Hyla robustofemora* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 389-393.

Holotype. 25050 (16314); Mexico: Cerro San Felipe, Oaxaca, 7,000-8,000 ft.; E. H. Taylor; summer, 1938.

*Hyla salvadorensis* Mertens, 1952, Senckenbergiana, 33: 169, pl. 1.

Paratype. 44688 (SMF 44939); El Salvador: Hda. Los Planes (1,800 m.), Santa Ana; A. Zilch; Aug. 24-25, 1951.

*Hyla smaragdina* Taylor, 1940, Copeia: 18-20.

Topoparatypes. 26992-7 (17526, -29, -32, -36, -39, -42); Mexico: from mountain side at eastern end of Lake Chapala, 6 km. E Cojumatlán, Michoacán; R. Roberts and E. H. Taylor; Sept., 1938.



*Hyla valancifer* Firschein and Smith, 1956, *Herpetologica*, 12: 17-21.  
Holotype. 35398; Mexico: Volcán San Martín, Veracruz, 4,500 ft.;  
H. Barden and I. L. Firschein; Aug. 13-14, 1953.

*Hyla walfordi* Bokermann, 1963, *Actas Soc. Biol. Rio de Janeiro*, 6:  
52-55.

Topoparatype. 52452 (WCAB 8441); Brasil: Forte Principe de Beira,  
Rondonia Territory; Werner C. A. Bokermann; July 26, 1962.

*Hylella azteca* Taylor, 1943, *Proc. Biol. Soc. Wash.*, 56: 49-52.

Holotype. 25044 (17525); Mexico: Tepoztlán, Morelos; E. H. Taylor;  
summer, 1938.

*Hylodes fleischmanni* Boettger, 1892, *Kat. Batr.-Sammlung Mus.*  
*Senckenbergischen Naturf. Ges.*, pp. 27-28.

Paratype. 44686 (SMF 3782); Costa Rica: San José; C. Fleischmann; 1892.

*Hylodes w-nigrum* Boettger, 1892, *Kat. Batr.-Sammlung Mus.*  
*Senckenbergischen Naturf. Ges.*, p. 28.

Paratype. 44687 (SMF 3813); Ecuador: Gebirgssümpfe um Zurucuchu,  
3,000-3,500 m., Cuenca; C. F. Lehmann; 1890.

*Hyperolius mariae* Barbour and Loveridge, 1928, *Mem. Mus. Comp.*  
*Zool.*, 50: 217.

Paratype. 41478(MCZ 13276); Tanganyika: Derema, Usambara Mts.;  
A. Loveridge; n.d.

*Hyperolius milnei* Loveridge, 1935, *Bull. Mus. Comp. Zool.*, 79: 18.

Paratype. 41479(MCZ 20050); Kenya: Witu, Coast Province; A. Loveridge;  
April 21, 1934.

*Hypopachus alboventer* Taylor, 1940, *Univ. Kansas Sci. Bull.*, 26  
(for 1939): 522-524.

Paratype. 27280 (18613); Mexico: 2 to 8 mi. N and E of Cuernavaca,  
Morelos; E. H. Taylor; June 17-20, 1938.

*Hypopachus alboventer reticulatus* Davis, 1955, *Herpetologica*, 11 (1): 71-72.

Paratypes. 39914-8 (TCWM 10807-11); Mexico: 2 mi. S Almolonga, 5,600 ft., Guerrero; R. W. Axtell; June 24, 1954.

*Hypopachus burgeri* Lynch, 1964, *Herpetologica*, 20, in press.

Holotype. 9164; Mexico: 13 mi. E La Rosa, Chiapas; W. L. Burger; Aug. 16, 1949.

Topoparatypes. 9165-7; same data as holotype.

*Hypopachus caprimimus* Taylor, 1940, *Univ. Kansas Sci. Bull.*, 26 (for 1939): 526-528.

Paratypes. 27272 (1029); Mazatlán, Guerrero; E. H. Taylor; June 29, 1932.  
27275 (1814); near Palo Blanco, Guerrero; E. H. Taylor; June 23, 1938.  
27278 (18151); Buena Vista, Guerrero; E. H. Taylor; June 25, 1938.  
27279 (18154); El Limoncito, Guerrero; E. H. Taylor; June 27, 1938.

Topoparatypes. 27273, 27277 (6556, 18148); Agua del Obispo, Guerrero; E. H. Taylor; July 21, 1936, and June, 1938.

*Hypopachus championi* Stuart, 1940, *Proc. Biol. Soc. Wash.*, 53: 19-22.

Paratype. 43484 (UMMZ 84079); Guatemala: 1 mi. S San Gerónimo, Baja Verapaz; L. C. Stuart; July 6, 1938.

*Hypopachus maculatus* Taylor, 1940, *Univ. Kansas Sci. Bull.*, 26 (for 1939): 524-526.

Paratype. 27283 (1016); Mexico: Asunción, Chiapas; E. H. Taylor and H. M. Smith; Sept. 1, 1935.

*Hypopachus ovis* Taylor, 1940, *Univ. Kansas Sci. Bull.*, 26 (for 1939): 520-522.

Topoparatypes. 27286-91, 27293 (1043, -49, -53, -56, -59, -62, -71); Mexico: Tepic, Nayarit; E. H. Taylor; July 31, 1934.

*Hypopachus oxyrrhinus taylori* Shannon and Humphrey, 1958, *Herpetologica*, 14(2): 89-94, fig. 1.

Paratype. 41686 (FAS 12174); Mexico: 20 to 23.7 mi. E San Blas, Nayarit; F. A. Shannon and F. L. Humphrey; July 20, 1957.

*Hypopachus pygmaeus* Lynch, 1964, *Herpetologica*, 20, in press.

Holotype. 9155; Mexico: 15 mi. S Pichucalco, Chiapas; W. L. Burger; Aug. 19, 1949.

Topoparatype. 9156; same data as holotype.

*Leptodactylus occidentalis* Taylor, 1937, *Trans. Kansas Acad. Sci.*, 39 (for 1936): 347–352.

Topoparatypes. 26796–26802 (3313, –19, –23, –26, –35, –38, –41), 29701 (3353); Mexico: Tepic, Nayarit; E. H. Taylor; July 28–31, 1934.

Paratype. 29700 (3311); Mexico: 1 to 2 mi. E Mazatlán, Sinaloa; E. H. Taylor; July 19, 1934.

*Leptopelis uluguruensis* Barbour and Loveridge, 1928, *Mem. Mus. Comp. Zool.*, 50: 235.

Paratype. 41481 (MCZ 13596); Tanganyika: Vituri, Uluguru Mts.; A. Loveridge; Oct. 27, 1926.

*Lymnodynastes spenceri* Parker, 1940, *Novitates Zoologicae* (London), 42(1): 40.

Paratype. 41482 (MCZ unnumbered); Australia: Hermannsburg Mission, Northern Territory; Barbour and Brooks; 1922.

*Microbatrachylus oaxacae* Taylor, 1940, *Univ. Kansas Sci. Bull.*, 26 (for 1939): 504–507.

Topoparatypes. 16111 (18188); Mexico: Cerro San Felipe, Oaxaca; E. H. Taylor; Aug. 18–22, 1938.

*Ooeidozyga semipalmata* Smith, 1927, *Proc. Zool. Soc. London*, 1927: 203.

Paratype. 41484 (MCZ 2606); South Celebes: Djikoto Mt., Bouthain; M. Smith; 1920.

*Phrynobatrachus alleni* Parker, 1936, *Zool. Meded. Leiden*, 19: 91.

Paratype. 41486 (MCZ 11970); Liberia: Piata, vicinity St. Paul's River; G. M. Allen; 1926.

*Phyllobates flotator* Dunn, 1931, Occ. Pap. Boston Soc. Nat. Hist., 5: 389, 392.

Paratype. 41485 (MCZ 10125); Panama Canal Zone: Río Chenillo; Panama expedition; 1924.

*Phyllomedusa annae* Duellman, 1964, Rev. Biol. Trop., in press.

Paratype. 50965; Costa Rica: Tapanti, 1,200 m., Cartago; W. E. Duellman; June 6, 1961.

*Phyllomedusa rohdei* Mertens, 1926, Senckenbergiana, 8(3/4): 140–145.

Paratype. 44689 (SMF 22064); Brasil: Rio de Janeiro; H. Rohde; May, 1926.

*Physalaemus centralis* Bokermann, 1962, Rev. Bras. Biol., 22: 216–219, figs. 1–6.

Paratypes. 51355–6 (WCAB 8020, 8116); Brasil: Xingu (posto Jacaré), Rio Coluene, Mato Grosso; M. Alvarenga and Werner C. A. Bokermann; Nov. 4, 1961.

*Plectrohyla lacertosa* Bumzahem and Smith, 1954, Herpetologica, 10(1): 64–65.

Holotype. 33693; Mexico: Región de Soconusco, Chiapas; E. Matuda; between 1944–49.

*Probreviceps macrodactylus loveridgei* Parker, 1931, Ann. Mag. Nat. Hist., 8(10): 263.

Paratype. 41489 (MCZ 15708); Tanganyika: Vituri, Uluguru Mts.; museum expedition; 1926.

*Pseudacris streckeri illinoensis* Smith, 1951, Bull. Chi. Acad. Sci., 9(9): 190.

Paratypes. 24034–8; Illinois: 3 mi. E Beardstown, Cass Co.; P. W. and D. M. Smith; March 6, 1951.

*Pternohyla dentata* Smith, 1957, Herpetologica, 13(1): 1–4.

Holotype. 40551; Mexico: 8 mi. NE Lagos de Moreno, Jalisco; W. H. Davis, W. Z. Lidicker, Jr., and J. R. Winkelmann; July 12, 1956.

*Ptychohyla adipoventris* Taylor, 1944, Univ. Kansas Sci. Bull., 30: 41-45.

Holotype. 25047 (21592); Mexico: Agua del Obispo, Guerrero; E. H. Taylor; Aug. 31, 1939.

Topoparatype. 27305 (21590); same data as holotype.

*Rana burnsi* Weed, 1922, Proc. Biol. Soc. Wash., 35: 108-109.

Paratype. 39948 (CNHM 3118); Minnesota: New London, Kandiyohi Co.; A. C. Weed; Nov. 2, 1921.

*Rana lighti* Taylor, 1934, Lingnan Sci. Jour., 13(2): 306-308.

Holotype. 25051 (EHT 1044); French Indo-China: Amoy, Fukien; S. F. Light; 1922.

*Rana maculata krukoffi* Smith, 1959, Herpetologica, 15(4): 215-216.

Holotype. 10526; Mexico: Finca Juárez, 7 leagues NE Escuintla, Chiapas; H. M. Smith; May 6, 1940.

Topoparatypes. 10512, 10518, 10527, 10529, 10531; same data as holotype.

Hypoparatypes. 10513-17, 10519-25, 10528, 10530; juveniles all topotypes with same data as holotype. 10500; juvenile, Salto de Agua, near La Esperanza, Chiapas; H. M. Smith; May 19, 1940.

*Rana megapoda* Taylor, 1942, Univ. Kansas Sci. Bull., 28: 310-313.

Topoparatypes. 27047-49 (3271, -3, -6); Mexico: near Chapala, Jalisco; H. M. Smith; July 2, 1935.

*Rana moorei* Blair, 1947, Amer. Mus. Nov., (1353): 1-17.

Paratype. 40631 (AMNH 52921); Mexico: Arroyo Sacahuite, Palictla, 6 mi. N Tamazunchale, San Luis Potosí; J. A. Moore and A. P. Blair; Sept. 9, 1946.

*Rana pueblae* Zweifel, 1955, Univ. Calif. Publ. Zool., 54: 253-255, fig. 24.

Paratype. 39844 (UMMZ 99476); Mexico: 2.8 mi. NE Huauchinango, Puebla, Río Texcapa; H. and P. Dowling; July 31, 1948.



*Rana sevosa* Goin and Netting, 1940, Ann. Carn. Mus., 28: 137-142, pl. 12, figs. 1, 2.

Paratypes. 39949 (CNHM 11514); Mississippi: Jackson Co.; 1930. 40632 (AMNH 37089); Biloxi, Caribbean Biological Laboratories; 1930.

*Rana sierramadrensis* Taylor, 1939, Univ. Kansas Sci. Bull., 25 (for 1938): 397-399.

Topoparatype. 27053 (3963A); Mexico: near Agua del Obispo, Guerrero; E. H. Taylor; July 1, 1932.

*Rana woodworthi* Taylor, 1923, Philippine Jour. Sci., 22: 519.

Paratype. 27056 (F679); Philippines: Los Baños, Laguna Prov., Luzón; E. H. Taylor; July 17, 1921.

Remarks. This is not specifically mentioned as a paratype in the original description.

*Rana yakani* Taylor, 1922, Philippine Jour. Sci., 21: 262.

Paratype. 27051 (F643); Philippines: Cotabato Coast, Mindanao; n.d.

Remarks. This is not specifically mentioned as a paratype in the original description.

*Rhombophryne testudo* Boettger, Zool. Anz., 1880: 568.

Syntype. 44690 (SMF 4267); Madagascar: Nossibe; C. Ebenau and A. Stumpff; 1880-83.

*Schoutedenella muta* Witte, 1933, Revue Zool. Bot. Afr., 24: 101.

Paratype. 41488 (MCZ 21808); Belgian Congo: Kando, near Tinke; G. F. de Witte; April 1-5, 1933.

*Syrhophus interorbitalis* Langebartel and Shannon, 1956, Herpetologica, 12(3): 161-165.

Topoparatypes. 38094; Mexico: 36 mi. N Mazatlán, Sinaloa; E. Bay, J. Schaffner, and D. Langebartel; Jan. 17, 1956. 38095-6; same locality and collectors; Nov. 17, 1955.

*Syrhophus latodactylus* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 397-401.

Paratype. 13291 (6811); Mexico: La Placita, Hidalgo; E. H. Taylor; July 1, 1936.

*Syrrhophus modestus* Taylor, 1942, Univ. Kansas Sci. Bull., 28: 304–306.

Topoparatype. 13300 (3754); Mexico: Hda. Paso del Río, Colima; H. M. Smith; July 8, 1935.

*Syrrhophus modestus pallidus* Duellman, 1958, Occ. Pap. Mus. Zool. Univ. Mich., (594): 5–7, pl. 3, map 1.

Paratype. 7808; Mexico: 18.8 mi. NW Ahuacatlán, Nayarit; F. Shannon, D. Langebartel, and I. L. Firschein; July 9, 1949.

Remarks. Not listed as a paratype, but in list of specimens examined.

*Syrrhophus nebulosus* Taylor, 1943, Univ. Kansas Sci. Bull., 29: 353–355.

Paratypes. 13292 (3769); Mexico: Tapachula, Chiapas; Smith and Taylor; Aug. 24, 1935. 13297 (3776); Mexico: Tuxtla Gutiérrez, Chiapas; same collectors; Sept. 4, 1935.

Topoparatypes. 13293–5 (3759, –62, –72); Mexico: near Tonalá, Chiapas; Smith and Taylor; Aug. 27–31, 1935.

*Syrrhophus petrophilus* Firschein, 1954, Copeia, (1): 50–52.

Holotype. 7807; Mexico: 3 mi. W San Luis Potosí (in Sierra San Miguelito Mts.), San Luis Potosí; D. Langebartel; July 18, 1949.

*Syrrhophus pipilans* Taylor, 1940, Proc. Biol. Soc. Wash., 53: 95–97.

Topoparatypes. 13302–6 (6841, –44, –47, –50, –53); Mexico: 9 mi. S Mazatlán, Guerrero; E. H. Taylor; July 22, 1936.

Paratypes. 13307–8 (6856, –59); Mexico: Agua del Obispo, Guerrero; E. H. Taylor; July 24, Aug. 1, 1936. 13309 (6862); near Xaltianguis, Guerrero; E. H. Taylor; July 27, 1936.

*Syrrhophus rubrimaculata* Taylor and Smith, 1945, Proc. U.S. Nat. Mus., 95: 583–585.

Topoparatype. 13285 (USNM 114071); Mexico: La Esperanza, Chiapas; R. and H. M. Smith; April 5–May 25, 1940.

*Telmatobius walkeri* Shreve, 1941, Proc. New England Zool. Club, 18: 79.

Paratype. 41487 (MCZ unnumbered); Peru: Rapi, Dept. Ayachucho; W. F. Walker; May, 1939.

*Tomodactylus albolabris* Taylor, 1943, Univ. Kansas Sci. Bull., 29: 351-353.

Topoparatypes. 15973 (6944); Mexico: Agua del Obispo, Guerrero; E. H. Taylor; July 24, 1936, and Aug. 24, 1941.

*Tomodactylus angustidigitorum* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 494-496.

Paratypes. 15998-16000 (21579, -82, -85); Mexico: 4 mi. E Carapa, Michoacán; E. H. Taylor; Sept. 6, 1938. 16003 (18643); Mexico: 9 mi. W Zacapú, Michoacán, near Cerro de Tecolote; E. H. Taylor; Sept. 6-7, 1938.

*Tomodactylus dilatus* Davis and Dixon, 1955, Herpetologica, 11: 155-157.

Paratype. 39919 (TCWM 10201); Mexico: Omilteme, 7,900 ft., Guerrero; G. B. Wilkinson; July 7, 1953.

*Tomodactylus fuscus* Davis and Dixon, 1955, Herpetologica, 11: 157-158.

Paratype. 39920 (TCWM 11254); Mexico: 1.5 mi. SE Huitzilac, 7,800 ft., Morelos; J. R. Dixon; June 27, 1954.

*Tomodactylus grandis* Dixon, 1957, Texas Jour. Sci., 9(4): 403-404, figs. 2, 5.

Paratype. 15987 (26824); Mexico: Tlalpam, 7,600 ft., Distrito Federal; E. H. Taylor; June 27, 1940.

*Tomodactylus macrotympanum* Taylor, 1940, Univ. Kansas Sci. Bull., 26 (for 1939): 496-499.

Paratypes. 15989-92, 15995-6 (6815, -18, -21, -24, -33, -36); Mexico: 8-18 mi. S Jacala, Hidalgo; E. H. Taylor; July 2, 1936.

*Tomodactylus nitidus orarius* Dixon, 1957, Texas Jour. Sci., 9(4): 392-394, figs. 2-3.

Paratypes. 16020-21 (3716-17); Mexico: Manzanillo, 10 ft., Colima; H. M. Smith; June 22, 1935.

## TESTUDINES

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*Chrysemys marginata* Agassiz, 1857, Contr. Nat. Hist. U.S., 1: 439; 2: pl. 1, fig. 6, pl. 5, figs. 1–4.

Syntype. 41529 (MCZ 1796); Michigan: Flint, Genesee Co.; Dr. M. Miles; n.d.

*Deirochelys reticularia miaria* Schwartz, 1956, Fieldiana, Chicago Nat. Hist. Mus., 34(41): 486–497.

Paratypes. 2397; Texas: 3 mi. S Beasley, Ft. Bend Co.; G. A. Engeling; July 15, 1946. 28503, 31696; Texas: Fresno, Ft. Bend Co.; Werner Gottsch; March 28 and April 16, 1952.

*Gopherus flavomarginatus* Legler, 1959, Univ. Kansas Publ., Mus. Nat. Hist., 11(5): 335–343, pls. 7–8.

Paratypes. 42953–54 (carapaces only); Mexico: Carrillo, Chihuahua; P. S. Chrapliwy and K. L. Williams; Aug. 1, 1958.

*Graptemys barbouri* Carr and Marchand, 1942, Proc. New England Zool. Club, 20: 98.

Paratype. 41528 (MCZ 46292); Florida: Chipola River, Jackson Co.; A. F. Carr; Nov. 21–30, 1941.

*Graptemys flavimaculata* Cagle, 1954, Tulane Studies Zool., 1(11): 167–173, figs. 2–3, 5, 7, 9, 11, 13, 15.

Paratype. 40624 (TU 14788); Mississippi: Pascagoula River, 13 mi. SW Lucedale, Hwy. 26, George Co.; Aug. 18–19, 1952.

*Graptemys nigrinoda* Cagle, 1954, Tulane Studies Zool., 1(11): 173–180, figs. 1, 4, 6, 9–10, 12, 14.

Paratype. 40625 (TU 14691); Alabama: Black Warrior River, above lock 9, 17.5 mi. SSW Tuscaloosa, Tuscaloosa Co.; F. Cagle; Aug. 7–10, 1952.

*Graptemys pseudogeographica ouachitensis* Cagle, 1953, Occ. Pap. Mus. Zool. Univ. Mich., 546: 10–17.

Topoparatype. 26716 (TU 12633); Louisiana: Ouachita R., 4 mi. NE Harrisonburg; Tulane University field group; June 10–19, 1950.

*Graptemys pseudogeographica sabinensis* Cagle, 1953, Occ. Pap. Mus. Zool. Univ. Mich., 546: 2-10.

Topoparatypes. 26718-21 (TU 13132, 13744-18, 13745-5, 13747-6); Louisiana: Sabine R., 8 mi. SW Negreet; Tulane University field group; July 5-9, 1950.

*Kinosternon flavescens spooneri* P. W. Smith, 1951, Bull. Chi. Acad. Sci., 9: 195.

Paratypes. 2252-3, 2255-6; Illinois: Meredosia, Morgan Co.; D. H. Thompson; June, 1927.

*Pseudemys scripta taylori* Legler, 1960, Univ. Kansas Publ., Mus. Nat. Hist., 13(3): 73-84, pls. 9-12, 3 figs.

Paratypes. 43585-43590; Mexico: 6 mi. W Cuatro Ciénegas, Coahuila; P. S. Chrapliwy and K. L. Williams; July 11, 1958.

*Pseudemys stejnegeri* Schmidt, 1928, N.Y. Acad. Sci., 10(1): 147-150, figs. 51-52.

Paratype. 39950 (CNHM 12479); Puerto Rico: San Juan; S. T. Danforth; June, 1924.

*Terrapene ornata luteola* Smith and Ramsey, 1952, Wasmann Jour. Biol., 10: 45.

Paratype. 18039; Texas: on U.S. Hwy. 80, 12.3 mi. W Van Horn, Hudspeth Co.; L. W. Ramsey; Aug. 15, 1950.

*Trionyx ater* Webb and Legler, 1960, Univ. Kansas Sci. Bull., 40(2): 21-30, pls. 1-2.

Paratype. 43510; Mexico: 5.7 mi. W Cuatro Ciénegas, Coahuila; P. S. Chrapliwy and K. L. Williams; July 10, 1958.

*Trionyx muticus calvatus* Webb, 1959, Univ. Kansas Publ., Mus. Nat. Hist., 11(9): 517-525, fig. 1, pls. 13-14.

Holotype. 31071; Mississippi: Pearl River, Roses Bluff, 14 mi. NE Jackson, Rankin Co.; Wm. F. Childers; Aug. 25, 1952.



## SAURIA

*Abronia lythrochila* Smith and Álvarez del Toro, 1963, *Herpetologica*, 19(2): 100–103.

Holotype. 51013; Mexico: Nachij, on Tuxtla-Las Casas Hwy., Chiapas; Miguel Álvarez del Toro; July 11, 1956.

Topoparatype. 51012; same data as preceding.

*Acontias percivali* Loveridge, 1935, *Bull. Mus. Comp. Zool.*, 79: 13.

Paratype. 41518 (MCZ 40200); Kenya: foot of Mt. Mbololo; Arthur Loveridge; April 26–30, 1934.

*Agama agama turuensis* Loveridge, 1932, *Bull. Mus. Comp. Zool.*, 72: 376.

Paratype. 41492 (MCZ 30708); Tanganyika: Turu Unyanganyi; Feb. 3, 1930.

*Agama planiceps schacki* Mertens, 1938, *Senckenberg. biol.*, 20: 433.

Paratypes. 44692–93 (SMF 25360–1); Angola: Cubal, 900 m., Prov. Benguella; W. Schack; July 27, Aug. 2, 1937.

*Ameiva chrysolaema boekeri* Mertens, 1938, *Senckenbergiana*, 20(5): 338–341, pl. 6.

Paratype. 44703 (SMF 26177); Santo Domingo: Südlich von Fondo Negro, Gebiet des unteren Río Yaque del Sur; H. Böker; Oct. 7, 1937.

*Ameiva undulata amphigramma* Smith and Laufe, 1945, *Trans. Kansas Acad. Sci.*, 48: 338–344.

Topoparatype. 27348 (11984); Mexico: San Andrés Tuxtla, Veracruz; H. M. Smith; Sept. 8–9, 1935.

Paratype. 27349 (11968); Mexico: Tierra Colorada, Veracruz; E. H. Taylor and H. M. Smith; July 15–16, 1932.

*Ameiva undulata dextra* Smith and Laufe, 1946, *Univ. Kansas Sci. Bull.*, 31: 54–59.

Paratypes. 27344 (11681); Mexico: Acapulco, Guerrero; E. H. Taylor and H. M. Smith; July 28, 1936. 27345 (11963); Mexico: Organos, Guerrero; E. H. Taylor and H. M. Smith; June 29, 1932.

*Ameiva undulata gaigeae* Smith and Lafe, 1946, Univ. Kansas Sci. Bull., 31: 37-39.

Topoparatypes. 27354-5 (11925, 11929); Mexico: Progreso, Yucatán; H. M. Smith; Aug. 21, 1936.

Paratype. 26151 (11985); Mexico: Chichén Itzá, Yucatán; H. M. Smith; Aug. 26, 1936.

*Ameiva undulata podarga* Smith and Lafe, 1946, Univ. Kansas Sci. Bull., 31: 40-43.

Paratypes. 27358 (11959); Mexico: Antiguo Morelos, Tamaulipas; E. H. Taylor; June 2, 1932. 27359 (11677); Mexico: near Ciudad Maiz, San Luis Potosí; E. H. Taylor; June 25, 1936.

*Ameiva undulata sinistra* Smith and Lafe, 1946, Univ. Kansas Sci. Bull., 31: 59-62.

Paratypes. 27334-9 (11911, -14, -49, 15123, -6, -9); Mexico: Hda. Paso del Río, Colima; H. M. Smith; June-July, 1935. 27340-1 (11947, 15121); Mexico: Quesería, Colima; H. M. Smith; June 18, 1935.

*Ameiva undulata stuarti* Smith, 1940, Proc. Biol. Soc. Wash., 53: 55-56.

Topoparatype. 34641 (HMS 8754); Mexico: Palenque, Chiapas; H. M. Smith; July 17, 1939.

*Ameiva undulata thomasi* Smith and Lafe, 1946, Univ. Kansas Sci. Bull., 31: 47-50.

Topoparatype. 27390 (15326); Mexico: La Libertad, Chiapas, near Río Cuilco where it crosses the Guatemalan border; H. D. Thomas; Sept., 1937.

*Amphibolurus barbatus minimus* Loveridge, 1933, Proc. New England Zool. Club, 13: 69-72.

Paratype. 41493 (MCZ 32977); Australia: West Wallaby Isl.; G. M. Allen; Oct. 10-23, 1931.

*Amphisbaena pericensis* Noble, 1921, Ann. N.Y. Acad. Sci., 29: 141.

Paratype. 41494 (MCZ 14776); Perú: Perico; G. K. Noble; Sept., 1916.

*Amphisbaena rondoensis* Loveridge, 1941, Bull. Comp. Zool., 87: 394.

Paratype. 41495 (MCZ 47987); Tanganyika: Rondo Plateau, Nchingidi; Arthur Loveridge; May 9–19, 1939.

*Anolis albipalpebralis* Barbour, 1916, Proc. Biol. Soc. Wash., 29: 215.

Paratype. 41496 (MCZ 11975); British West Indies: Grand Turk Island; Louis A. Mowbray; summer, 1916.

*Anolis allisoni* Barbour, 1928, Proc. New England Zool. Club, 10: 58.

Paratype. 41497 (MCZ 26754); Honduras: Coxen Hole, Ruatan Isl.; Thomas Barbour; March, 1928.

*Anolis aureolus* Cope, 1885, Proc. Amer. Philos. Soc., 22: 390.

Syntype. 40732 (USNM 24857); Mexico: Yucatán; A. Schott; n.d.

*Anolis chlorocyaneus cyanostictus* Mertens, 1939, Abh. senckenberg. naturf. Ges., (449): 64–65, pl. 9, figs. 39, 42.

Paratype. 44695 (SMF 25607); Dominican Republic: Mündung des Río Jaina; R. Mertens; Feb. 13, 1939.

*Anolis cobanensis* Stuart, 1942, Occ. Pap. Mus. Zool. Univ. Mich., (464): 6.

Paratype. 43486 (UMMZ 90235); Guatemala: Finca Chichén, Alta Verapaz; L. C. Stuart; May 26, 1940.

*Anolis compressicauda* Smith and Kerster, 1955, Herpetologica, 11: 193–198.

Holotype. 35625; Mexico: La Gloria, Oaxaca; T. MacDougall; March 11, 1953.

Paratype. 38031 (NHMTG 216); Mexico: El Ocote, 600 m., near Ocozocoautla, Chiapas; M. Álvarez del Toro; April 15, 1955.

*Anolis cupreus* Hallowell, 1861 (1860), Proc. Acad. Nat. Sci. Philadelphia, 12: 481.

Syntype. 40733 (USNM 12211); Nicaragua; C. Wright; Dec. 14, 1881.

*Anolis cuprinus* Smith, 1963, *Herpetologica*, 19, in press.

Holotype. 52959; Mexico: Zanatepec, 5,000 ft., Oaxaca; Thomas MacDougall; Jan. 11, 1963.

*Anolis distichus albidogularis* Mertens, 1939, *Abh. senckenberg. naturf. Ges.*, (449) 58–59, pl. 2, fig. 4, pl. 9, fig. 38a.

Paratype. 44696 (SMF 26129); Dominican Republic: Monti Cristi; R. Mertens; March 18–19, 1939.

*Anolis distichus floridanus* Smith and McCauley, 1948, *Proc. Biol. Soc. Wash.*, 61: 159–160.

Topoparatypes. 410–1; Florida: Brickell Park, Miami, Dade Co.; R. H. McCauley; Nov. 6, 1946.

*Anolis distichus ignigularis* Mertens, 1939, *Abh. senckenberg. naturf. Ges.*, (449): 59–61, pl. 9, fig. 38b.

Paratype. 44697 (SMF 25714); Dominican Republic: San Pedro de Macoris; R. Mertens; March 6–8, 1939.

*Anolis forbesi* Smith and Van Gelder, 1955, *Herpetologica*, 11(2): 147–148.

Holotype. 35553; Mexico: 5 mi. E Izucar de Matamoros, Puebla; Leora T. Forbes; Dec. 30, 1953.

*Anolis haguei* Stuart, 1942, *Occ. Pap. Mus. Zool. Univ. Mich.*, (464): 3.

Paratype. 43485 (UMMZ 90228); Guatemala: Finca Chichén, Alta Verapaz; L. C. Stuart; May 24, 1940.

*Anolis incompertus incompertus* Barbour, 1932, *Proc. New England Zool. Club*, 12: 99.

Paratype. 41498 (MCZ 32320); Colombia: Villavicencio, San Martín; Nicéforo María; Jan., 1931.

*Anolis limifrons microlepis* Álvarez del Toro and Smith, 1956, *Herpetologica*, 12(1): 4–6.

Holotype. 37971; Mexico: El Ocote, Chiapas, 600 m.; M. Álvarez del Toro; April 15, 1955.

*Anolis matudai* Smith, 1956, *Herpetologica*, 12(1): 1-2.

Holotype. 34199; Mexico: Región de Soconusco, Chiapas; E. Matuda; 1944-49.

*Anolis megapholidotus* Smith, 1933, *Trans. Kansas Acad. Sci.*, 36: 318-320.

Topoparatype. 20120 (1508); Mexico: between Rincón and Cajones, Guerrero; H. M. Smith and E. H. Taylor; July 1, 1932.

*Anolis microlepidotus* Davis, 1954, *Herpetologica*, 10(1): 4-5.

Paratype. 20127 (27192); Mexico: Chilpancingo, Guerrero; R. C. and E. H. Taylor; 1940.

*Anolis omiltemanus* Davis, 1954, *Herpetologica*, 10(1): 2-3.

Paratype. 39923 (TCWM 10281); Mexico: 2 mi. W Omilteme, 7,800 ft., Guerrero; R. W. Axtell; June 11, 1953.

*Anolis parvicirculata* Álvarez del Toro and Smith, 1956, *Herpetologica*, 12(1): 5-6.

Holotype. 38045; Mexico: El Suspiro, Chiapas, 1,200 m.; M. Álvarez del Toro; July 8, 1955.

*Anolis pygmaeus* Álvarez del Toro and Smith, 1956, *Herpetologica*, 12(1): 7.

Holotype. 37975; Mexico: El Ocote, Chiapas, 600 m.; M. Álvarez del Toro; April 15, 1955.

*Anolis ruthveni* Stuart, 1935, *Occ. Pap. Mus. Zool. Univ. Mich.*, (310): 1-4.

Paratype. 39951 (CNHM 20030); Guatemala: opposite Puerto Barrios, Escobas; K. P. Schmidt; Nov. 29, 1933.

*Anolis sagrei mayensis* Smith and Burger, 1949, *Anal. Inst. Biol.*, 20: 407.

Holotype. 4170 (11523); Mexico: Panlao, Campeche; H. M. Smith; Oct. 17, 1936.



Paratypes. 4171-3 (11517, 11520, 11521); Mexico: Ciudad del Carmen, Campeche; H. M. Smith; Sept. 3, 1936. 4174 (11530); Mexico: Tres Brazos, Campeche; H. M. Smith; Sept. 18, 1936. 4178 (11524); Mexico: Chichén Itzá, Yucatán; H. M. Smith; Aug. 26, 1936. 4179 (11514); Mexico: Mérida, Yucatán; H. M. Smith; Aug. 29, 1936.

*Anolis simmonsii* Holman, 1964, *Herpetologica*, 20, in press.

Holotype. 52899; Mexico: Río Canoa, 16¼ mi. W Pinotepa Nacional, Oaxaca; Ronald Altig, Wm. Hill, and J. A. Holman; Dec. 25, 1962.  
Hypotopoparatype. 52903; same data as holotype.

*Anolis subocularis* Davis, 1954, *Herpetologica*, 10(1): 3-4.

Paratypes. 20115-8, 25969 (22939, 11133, 11136, 11139); Mexico: Tierra Colorada, Guerrero; H. M. Smith and E. H. Taylor (20115-8), I. L. and D. Firschein; June 30, 1932 (20115-8), July 21, 1951 (25969). 20128 (19407); Mexico: El Limoncito, Guerrero; H. M. Smith; June 27, 1938. 20132 (31448); Mexico: Rincón, Guerrero; E. H. Taylor; Aug. 10, 1940.

*Anolis taylori* Smith and Spieler, 1945, *Copeia*: 165-168.

Topoparatype. 31641 (HMS 10084); Mexico: about 1 mi. N Acapulco, Guerrero; R. and H. M. Smith and E. H. Taylor; Sept. 3, 1939.

*Anolis tropidonotus spilorhipis* Álvarez del Toro and Smith, 1956, *Herpetologica*, 12(1): 9-10.

Holotype. 37972; Mexico: Cerro Omblijo, Chiapas, 1,280 m.; M. Álvarez del Toro; March 20, 1954.

Paratype. 37251; Mexico: Arroyo Mono Blanco, near Juchitán, Oaxaca; T. MacDougall; March 5, 1951.

*Aristelliger cochranae* Grant, 1931, *Jour. Dept. Agric., Porto Rico*, 15: 399.

Paratype. 41499 (MCZ 34648); Greater Antilles: Navassa Isl.; C. Grant; April-July, 1931.

*Aristelliger nelsoni* Barbour, 1914, *Mem. Mus. Comp. Zool.*, 44: 258.

Paratype. 41500 (MCZ unnumbered); Swan Isl., Caribbean Sea; G. Nelson; March, 1912.

*Audantia shrevei* Cochran, 1939, Proc. New England Zool. Club, 18: 1-3.

Paratype. 41501 (MCZ 44368); Dominican Republic: Loma Pelona; P. J. Darlington; June, 1938.

*Bachia intermedia* Noble, 1921, Ann. N.Y. Acad. Sci., 29: 142.

Paratype. 41502 (MCZ 14720); Perú: Perico; G. K. Noble; 1916.

*Basiliscus plumifrons* Cope, 1876 (1875), Jour. Acad. Nat. Sci., Philadelphia, ser. 2, 8: 125, pl. 25, fig. 1.

Syntype. 40735 (USNM 35627); Costa Rica: Sipurio; W. Gabb; n.d.

*Brachymeles gracilis taylori* Brown, 1956, Brevoria, (54): 1-19, figs. 1-2.

Paratype. 40807 (SU 18639); Philippine Isl.: Negros Oriental Prov., Negros Isl., ridge on S side, Maite River, E slope of Cuernos de Negros; E. Empeso; Nov. 19-March 10, 1954-55.

*Brookesia stumpffi* Boettger, 1894, Zoöl. Anz., 17: 182.

Paratype. 44694 (SMF 16505); Madagascar: Nossibé; C. Ebenau, A. Stumpff; 1879-85.

*Callisaurus draconoides brevipes* Bogert and Dorson, 1942, Copeia, (3): 173-175.

Paratype. 40633 (AMNH 63673); Mexico: Guirocoba, 18 mi. SE Alamos, 1,485 ft.; John W. Hilton; June 15-Oct. 15, 1941.

*Callisaurus splendidus* Dickerson, 1919, Bull. Amer. Mus. Nat. Hist., 41: 467.

Paratype. 40634 (AMNH 5373); Mexico: Angel de la Guardia Isl., Gulf of California, Baja California; C. H. Townsend; March 23, 1911.

*Callisaurus ventralis myurus* Richardson, 1915, Proc. U.S. Nat. Mus., 48: 408.

Paratype. 40804 (SU 6637); Nevada: Pyramid Lake Indian Agency, Washoe Co.; Snyder and Richardson; May, 1911.

*Chamaeleon bitaeniatus altaeelsonis* Loveridge, 1935, Bull. Mus. Comp. Zool., 79: 15.

Paratype. 41505 (MCZ unnumbered); Uganda: Kaburoni, Mt. Elgon; A. Loveridge; Dec. 28, 1933.

*Chamaeleon incornutus* Loveridge, 1932, Bull. Mus. Comp. Zool., 72: 380.

Paratype. 41506 (MCZ unnumbered); Tanganyika: Madehani, Ukinga Mts.; A. Loveridge; Jan. 24, 1930.

*Cnemidophorus burti* Taylor, 1938, Univ. Kansas Sci. Bull., 24: 485-487.

Topoparatypes. 35974 (392); Mexico: region around La Posa, 10 mi. NW Guaymas, Sonora; E. H. Taylor; June 20-July 10, 1934.

*Cnemidophorus calidipes* Duellman, Occ. Pap. Mus. Zool. Univ. Mich., (574): 1-7, figs. 1-2.

Paratype. 39845 (UMMZ 112678); Mexico: 2.6 mi. N Capirio, 750 ft., Michoacán; W. E. Duellman and F. G. Thompson; July 14, 1955.

*Cnemidophorus communis occidentalis* Gadow, 1906, Proc. Zool. Soc. London, 1906: 339-346, figs. 77, 78B, 79A.

Paratype. 39952 (CNHM 1322); Mexico: Puebla, Puebla; S. E. Meek; 1903.

*Cnemidophorus cozumelae rodecki* McCoy and Maslin, 1962, Copeia, 1962: 624-625.

Paratypes. 52476-8 (UCM 15316, 15329, 15335); Mexico: Isla Mujeres, Quintana Roo; T. Paul Maslin, C. J. McCoy, Jr., Lewis A. Pennock, and Hugo G. Rodeck; June 22, 1961.

*Cnemidophorus deppei infernalis* Duellman, Misc. Publ. Mus. Zool. Univ. Mich., (111): 32-35, fig. 11, pl. 1.

Topoparatypes. 36101 (14853); Mexico: Mexcala, Guerrero; E. H. Taylor and H. M. Smith; July 23-24, 1932. 36030 (11688); same locality; E. H. Taylor; July 19, 1936.

Paratypes. 36454-520, 36676-78; Mexico: Apatzingán, Michoacán; H. M. Smith; March 14, 15, 17, 1939. 36100 (14555); Mexico: Hda. El Sabino,

Michoacán; H. M. Smith; July 21–28, 1935. 35994 (22610); Mexico: Puerto Crucita, Michoacán; H. M. Smith and E. H. Taylor; 1939. 26027; Mexico: 9 mi. W Alpuyeca, Morelos; I. L. and D. Firschein; July 22, 1951. 35975; Mexico: Cuernavaca, Morelos; H. M. Smith; Oct. 17, 1936. 36029 (11685); Mexico: 19 km. S Puente de Ixtla, Morelos; E. H. Taylor; July 4, 1936. 26028 (= 36028 [sic] in publ.); Mexico: Río Atoyac, 10 km. N Tezuitzingo, Puebla; I. L. and D. Firschein; Aug. 16, 1951. 36036–37 (14963, 14982); Mexico: near Zapotitlán, Puebla; H. M. Smith and E. H. Taylor; July 22–28, 1932.

Remarks. Not listed as paratypes, but in list of specimens examined.

*Cnemidophorus deppei oligoporus* Smith, 1939, Field Mus. Nat. Hist., Zool. Ser., 24: 26–27.

Paratype. 39953 (CNHM 1313); Mexico: Otopa, Veracruz; S. E. Meek; 1903.

*Cnemidophorus gigas* Davis and Smith, 1952, Herpetologica, 8(3): 98–99.

Paratypes. 16826, –28, –36; Mexico: Alpuyeca, Morelos, 4,000 ft.; various collectors; 1949. 16838; Mexico: Laguna Rodeo, Morelos, 3,500 ft.; R. McAdams; Aug. 8, 1949. 30508–9; Mexico: Cuernavaca, Morelos; H. M. Smith; Jan. 21–24, 1939. 30513; 5 mi. S Cuernavaca, Morelos; H. M. Smith; Jan. 26, 1939.

*Cnemidophorus gularis* var. *meeki* Gadow, 1906, Proc. Zool. Soc. London, 1906: 332–334.

Syntype. 39954 (CNHM 1288); Mexico: Garza Valdez, Tamaulipas; S. E. Meek; 1903.

*Cnemidophorus gularis scalaris* Cope, 1892, Trans. Amer. Philos. Soc., 17: 47, pl. 10, fig. 10.

Syntype. 40738 (USNM 8319); Mexico: between Chihuahua and Mexico; J. Potts; May 24–June 15, 1875.

*Cnemidophorus guttatus flavilineatus* Duellman, 1960, Misc. Publ., Mus. Zool. Univ. Mich., (111): 65–69, fig. 16, pl. 1.

Paratypes. 8551–61; Mexico: Rancho San Bartolo, Chiapas; W. L. Burger; July 29, 1949. 36128 (14723); Mexico: San Ricardo, Chiapas; E. H.

Taylor and H. M. Smith; Sept. 2, 1935. 36120-3, 36638-46; Mexico: Tonalá, Chiapas; H. M. Smith; Jan. 26, 30, 1940.  
Remarks. Not listed as paratypes, but in list of specimens examined.

*Cnemidophorus inornatus paululus* Williams, 1964, *Herpetologica*, in press.

Holotype. 50988; Mexico: 10 mi. NE Chocolate, Durango; K. L. Williams and P. S. Chrapliwy; July 16, 1958.

Topoparatypes. 50989-91; same data as above.

Paratype. 36057; Mexico: 6 mi. N Pedriceña, Durango; E. H. Taylor and H. M. Smith; Aug. 27, 1932.

*Cnemidophorus mexicanus* var. *balsas* Gadow, 1906, *Proc. Zool. Soc. London*, 1906: 363-367, fig. 83.

Syntype. 39955 (CNHM 1350); Mexico: Yautepec, Morelos; S. E. Meek; 1903.

*Cnemidophorus neomexicanus* Lowe and Zweifel, 1952, *Bull. Chi. Acad. Sci.*, 9(13): 230.

Topoparatype. 32562; New Mexico: McDonald Ranch Hdqrs., 4,800 ft., 8.7 mi. W, 22.8 mi. S New Bingham Post Office, Socorro Co.; C. H. Lowe; Aug. 3, 18, 1947.

*Cnemidophorus parvisocius* Zweifel, 1960, *Amer. Mus. Nov.*, (1998): 1-8.

Paratype. 49091 (AMNH 65775); Mexico: Cuicatlán (580-650 m.), Oaxaca; H. D. Wagner; June 7-12, 1944.

*Cnemidophorus sacki griseocephalus* Zweifel, 1959, *Bull. Amer. Mus. Nat. Hist.*, 117(2): 96-102, fig. 3, pl. 45, fig. 1.

Paratypes. 40511-13; Mexico: 1 mi. NE El Fuerte, Sinaloa; W. H. Davis, W. Z. Lidicker, and J. R. Winkelmann; July 19, 1956.

Remarks. Listed as specimens examined and not as paratypes.

*Cnemidophorus sacki stictogrammus* Burger, 1950, *Chi. Acad. Sci., Nat. Hist. Misc.*, 65: 5.

Topoparatypes. 15100-7; Arizona: Yank Springs, 6 mi. SE Ruby, Santa Cruz Co.; M. Hensley and W. L. Burger; summer, 1948.



*Cnemidophorus sacki zweifeli* Duellman, 1960, Univ. Kansas Publ., Mus. Nat. Hist., 10(9): 589–598, figs. 1–2, tables 1–3.

Paratypes. 36772–77; Mexico: Apatzingán, Michoacán; H. M. Smith; March 15, 16, 17, 1939.

Remarks. The preceding are not specifically designated as paratypes, but are included in the list of specimens examined.

*Cnemidophorus stejnegeri* Van Denburgh, 1894, Proc. Calif. Acad. Sci., (2) 4: 300–301.

Paratype. 41039 (SU 1066); Mexico: foothills of San Pedro Martir Mts., Baja California; J. M. Stowell and Lunt; June 20–21, 1893.

*Cnemidophorus tigris pulcher* Williams, Smith and Chrapliwy, 1960, Trans. Illinois State Acad. Sci., 53(1–2): 43–44, figs. 1–2.

Holotype. 43762; Mexico: 1.2 mi. NW Carrillo, Chihuahua; P. S. Chrapliwy and K. L. Williams; Aug. 1, 1958.

Topoparatypes. 43755–6; same data as holotype.

Paratypes. All same data as holotype except: 43749, 14.2 mi. NE Escalón; 43751–4, 17.9 mi. NE Escalón; 43757–61, 0.7 mi. E Carrillo.

*Coleonyx elegans nemoralis* Klauber, 1945, Trans. San Diego Soc. Nat. Hist., 10(11): 195–199, map.

Paratype. 27463 (10506); Mexico: 4–5 mi. N Acapulco, Guerrero; E. H. Taylor; July 29, 1939.

*Coleonyx variegatus sonoriensis* Klauber, 1945, Trans. San Diego Soc. Nat. Hist., 10: 162–166.

Paratypes. 27464–6 (10538, –62, –65); Mexico: 5 mi. SW Hermosillo, Sonora; E. H. Taylor; summer, 1934. 27467–70 (10541, –44, –47, –50); Mexico: La Posa, 10 mi. N Guaymas, Sonora; E. H. Taylor; July–Aug., 1934.

Remarks. In description Taylor's 10541 is given the wrong locality.

*Crotaphytus collaris auriceps* Fitch and Tanner, 1951, Trans. Kansas Acad. Sci., 54(4): 548–559.

Topoparatype. 20211; Utah: 3½ mi. NNE Dewey, Grand Co.; H. S. Fitch; June 28, 1950.

*Cyclura rileyi* Stejneger, 1903, Proc. Biol. Soc. Wash., 16: 130.

Paratype. 40734 (USNM 31967); Bahama Isl.: Watling Isl.; J. H. Riley; July 13, 1903.

*Deiroptyx bartschi* Cochran, 1928, Proc. Biol. Soc. Wash., 41: 169.

Paratype. 40737 (USNM 51828); Cuba: Viñales; Henderson and Bartsch; May 30, 1914.

*Dipsosaurus dorsalis sonoriensis* Allen, 1933, Occ. Pap. Mus. Zool. Univ. Mich., (259): 4-6.

Paratype. 43490 (UMMZ 72125); Mexico: 5 mi. SE Hermosillo, Mexico; Morrow Allen; June 25-29, 1932.

*Emoia ruficauda* Taylor, 1915, Philippine Jour. Sci., 10(D): 98.

Paratype. 27388 (F282); Philippines: Mindanao Isl., Bunauan, Agusan Prov.; June, 1912.

Remarks. This specimen is not mentioned in the text.

*Eremias undata gaerdesi* Mertens, 1954, Senckenberg. biol., 34 (4/6): 176-177, pl. 2.

Paratype. 44704 (SMF 45962); Southwest Africa: Tsissab-Schlucht, Brandberg, Damaraland; R. Mertens; Oct. 11-14, 1952.

*Eremias undata rubens* Mertens, 1954, Senckenberg. biol., 34 (4/6): 177-178, pl. 3.

Paratype. 44705 (SMF 45953); Southwest Africa: Hochfläche des Grossen Waterberges oberhalb der Farm Okatjikona; R. Mertens; Oct. 26-27, 1952.

*Eumeces copei* Taylor, 1933, Proc. Biol. Soc. Wash., 46: 133.

Paratypes. 22469-82 (3861, -64, -70, -76, -79, -83, -86, -89, -92, -95, -98, 3901, -4, -7); Mexico: 10 mi. from Asunción, Mexico; E. H. Taylor and H. M. Smith; Aug. 6, 1932.

Remarks. Nos. 22470-1, 22475, and 22478-9 were mentioned by number (3864, -70, -86, -95, -98) in the original description. The others were not, but there is no doubt whatever that they belong to the type series of 32 mentioned in the original description.

*Eumeces gilberti arizonensis* Lowe and Shannon, 1954, *Herpetologica*, 10(3): 185–187.

Paratype. 48474 (FAS 5707); Arizona: 5.5 mi. SE Wickenburg, Maricopa Co.; R. Abbuhl and G. Gates; July 30, 1954.

*Eumeces ochoteranai* Taylor, 1933, *Proc. Biol. Soc. Wash.*, 46: 129–133.

Paratype. 27395 (1012); Mexico: 12 mi. S Chilpancingo, Guerrero; H. M. Smith and E. H. Taylor; 1932.

*Eumeces septentrionalis pallidus* Smith and Slater, 1949, *Trans. Kansas Acad. Sci.*, 52: 438–443.

Holotype. 1961; Texas: Palo Pinto, Palo Pinto Co.; P. Harter; May 1, 1946.  
Topoparatype. 1962; Texas: Palo Pinto, Palo Pinto Co.; P. Harter; May 1, 1946.

Paratypes. 1964; Texas: 7 mi. SE Lytle, Atascosa Co.; R. L. Peterson; n.d. 1965; Texas: Ottine, Gonzalez Co.; A. J. Kirn; March 31, 1937.

*Eumeces skiltonianus utahensis* Tanner, 1958, *Great Basin Nat.*, 17(3–4): 67, pl. 4, fig. a, pl. 5, fig. 1.

Paratype. 40770 (BYU 13135); Utah: Pole Canyon, N Cedar Fort, Utah Co.; W. W. Tanner; May 2, 1956.

*Gekko palawanensis* Taylor, 1925, *Philippine Jour. Sci.*, 26: 99–101.

Paratype. 27474 (F193); Philippines: Palawan Isl., Thumb Peak; Oct. 23, 1923.

Remarks. None of the paratypes are mentioned by number in the original description. The author has, however, personally verified that this is one of the “several specimens” mentioned and from which data published on ranges of variation in several characters were compiled.

*Gerrhonotus levicollis ciliaris* Smith, 1942, *Proc. U.S. Nat. Mus.*, 92: 365–367.

Paratype. 40736 (USNM 47207); Mexico: mts. near Jesús María, San Luis Potosí; E. W. Nelson; Sept. 4, 1892.

*Gonatodes atricucullaris* Noble, 1921, Ann. N.Y. Acad. Sci., 29: 135–137.

Paratype. 41507 (USNM 64039); Perú: Bellavista; H. G. Raven; Sept., 1916.

*Gonatodes glaucus* Smith, 1921, Nat. Hist. Soc. Siam, 4: 95, pl. 1. Paratype. 41508 (MCZ unnumbered); Cochin China: Pulo Condor off the coast of Cochin China; M. Smith; n.d.

*Gymnophthalmus underwoodi* Grant, 1958, Herpetologica, 14(4): 228, table.

Holotype. 42334; British West Indies: Barbados; C. Grant; Jan., 1957.

*Heloderma horridum alvarezi* Bogert and Martín del Campo, 1956, Bull. Amer. Mus. Nat. Hist., 109(1): 32–35.

Paratype. 7029; Mexico: Rancho San Bartolo, Chiapas; W. L. Burger; summer, 1949.

*Holbrookia propinqua piperata* P. W. Smith and Burger, 1950, Trans. Kansas Acad. Sci., 53: 167–169.

Holotype. 4048; Mexico: Etiopa, 2 mi. S Tecolutla, Veracruz; Smith, Burger, and others; April 24, 1949.

Topoparatypes. 4047; Mexico: Etiopa, 2 mi. S Tecolutla, Veracruz; Smith, Burger, and others; April 24, 1949.

*Holbrookia pulchra* Schmidt, 1921, Amer. Mus. Nov., (22): 1.

Paratype. 40742 (USNM 17727); Arizona: Towne's Ranch, Nogales, Santa Cruz Co.; P. L. Jouy; May 23, 1891.

*Holbrookia texana reticulata* Peters, 1951, Occ. Pap. Mus. Zool. Univ. Mich., (537): 11–12, tables 1–2, map.

Paratype. 39847 (UMMZ 78366); Mexico: Pilares, Sonora; Berry Campbell; July 3, 1935.

*Holbrookia texana scitula* Peters, 1951, Occ. Pap. Mus. Zool. Univ. Mich., (537): 8–11, table 1–2, map.

Paratype. 39848 (UMMZ 64071); Arizona: Tucson, Pima Co.; B. R. Bovee; n.d.

*Lacerta erhardi therminensis* Werner, 1935, Sitzb. Akad. Wiss. Wien, 144: 96.

Paratype. 41509 (MCZ 38500); Greece: Kythios Isl., Cyclades; F. Werner; May, 1934.

*Leiocephalus carinatus armouri* Barbour and Shreve, 1935, Proc. Boston Soc. Nat. Hist., 40: 360.

Paratype. 41510 (MCZ 38106); Grand Bahama: High Rock; Utowana Expedition; March 23, 1934.

*Leiocephalus personatus arenicolor* Mertens, 1939, Abh. senckenberg. naturf. Ges., (449): 48–49, pl. 8, figs. 32, 33, 35c, 36c.

Paratype. 44698 (SMF 25693); Dominican Republic: San Pedro de Macoris; R. Mertens; March 5–9, 1939.

*Leiocephalus personatus pulcherrimus* Mertens, 1939, Abh. senckenberg. naturf. Ges., (449): 50–51, pl. 8, figs. 32b, 35e, 36a.

Paratype. 44699 (SMF 26285); Dominican Republic: Monción, 450 m.; R. Mertens; March 14–17, 1939.

*Leiocephalus personatus trujilloensis* Mertens, 1939, Abh. senckenberg. naturf. Ges., (449): 45–47, pl. 8, figs. 32a, 35a, 36e.

Paratype. 44700 (SMF 26230); Dominican Republic: Strand an der Mündung des Río Jaina; R. Mertens; April 16, 1939.

*Leiopisma assatum taylori* Oliver, 1937, Occ. Pap. Mus. Zool. Univ. Mich., 360: 12–15.

Paratype. 27418 (10057); Mexico: km. 350, between Rincón and Cajones, Guerrero; E. H. Taylor; July 24–25, 1936.

*Leiopisma caudaequinae* Smith, 1950, Univ. Kansas Sci. Bull., 34: 195–200.

Holotype. 10131; Mexico: Horsetail Falls, 25 mi. S Monterrey, Nuevo León; J. P. Craig; April 19, 1946.

Paratypes. 10132–3 (23886, 23892); Mexico: 10 mi. W Naranjo, San Luis Potosí; E. H. Taylor; Aug. 30–31, 1940.



*Leiolopisma forbesorum* Taylor, 1937, Copeia: 8–11.

Topoparatypes. 27399–27400, 48876 (10035–36, –38); Mexico: La Placita, Hidalgo, about 7,000 ft.; E. H. Taylor; July 2–3, 1936.

*Lepidoblepharis barbouri* Noble, 1921, Ann. N.Y. Acad. Sci., 29: 133.

Paratype. 40743 (USNM 64038); Perú: Marañón Valley, Perico; H. G. Raven; Sept., 1916.

*Lepidophyma flavimaculatum tenebrarum* Walker, 1955, Occ. Pap. Mus. Zool. Univ. Mich., 564: 1–6.

Paratype. 37295 (UMMZ 108014); Mexico: near Rancho del Cielo, about 5 mi. NW (by road) Gómez Farías, Tamaulipas; P. S. Martin; July 6, 1951.

*Lepidophyma micropholis* Walker, 1955, Occ. Pap. Mus. Zool. Univ. Mich., 564: 6–9.

Topoparatype. 37296 (UMMZ 102885); Mexico: from cave at El Pachón, about 5 mi. NNE Antiguo Morelos, Tamaulipas, about 600–700 ft.; P. S. Martin; July 26, 1950.

*Lepidophyma smithi tehuanae* Smith, 1942, Proc. U.S. Nat. Mus., 92: 377.

Paratype. 40745 (USNM 46997); Mexico: Tehuantepec, Oaxaca; Nelson and Goldman; May 24, 1895.

*Lepidophyma tuxtlae* Werler and Shannon, 1957, Herpetológica, 13(2): 119–122, pl. 1.

Paratypes. 40285–6; Mexico: Rancho El Tular, 5 mi. N San Andrés Tuxtla, Veracruz; D. A. Langebartel; Dec. 1, 1955. 35449, 35463–64; same data; H. Barden and I. L. Firschein; 1952–53.

*Liolaemus walkeri* Shreve, 1938, Jour. Wash. Acad. Sci., 28: 404.

Paratype. 41511 (MCZ 43778); Perú: Llocllapampa, Junin; W. F. Walker; July 6, 1936.

*Lygodactylus capensis mosambica* Loveridge, 1920, Proc. Zool. Soc. London: 135.

Paratype. 41513 (MCZ unnumbered); Mozambique: Lumbo; A. Loveridge; July 10, 1918.

*Lygosoma cherriei stuarti* Smith, 1941, Proc. Biol. Soc. Wash., 54: 181–182.

Paratype. 40744 (USNM 115186); Mexico: Potrero Viejo, Veracruz; H. M. Smith; Dec. 26, 1938.

*Mabuya engeli* Taylor, 1925, Philippine Jour. Sci., 26: 101.

Paratype. 41512 (F562); Philippine Isl.: Tatayan to Saub, Cotabato Coast; E. H. Taylor; April, 1923.

*Mabuya floweri* Taylor, 1950, Univ. Kansas Sci. Bull., 33(13): 487–489.

Holotype. 37565 (30507); Ceylon: 12 mi. N Trincomalee; E. H. Taylor; Sept. 3, 1944.

*Melanoceps alter rondoensis* Loveridge, 1942, Bull. Mus. Comp. Zool., 91: 360, pls.

Paratype. 41514 (MCZ 47796); Tanganyika: Rondo Plateau, Nchingidi; A. Loveridge; May 11–21, 1939.

*Phrynosoma modestum* Girard, 1852, in Stansbury, Exploration and Survey of the Valley of the Great Salt Lake of Utah, pp. 361–362, 365, pl. 6, figs. 4–8.

Syntype. 40746 (USNM 164); Texas: between San Antonio and El Paso; J. H. Clark; n.d.

*Phrynosoma orbiculare alticola* Davis, 1953, Proc. Biol. Soc. Wash., 66: 27–30.

Paratypes. 30352 (23981); Mexico: 11 mi. S Mexico City, D.F., in Mexico. 30353 (23989); Mexico: Lerma, Mexico; E. H. Taylor; June 18, 1940. 39921–2 (TCWM 6596–7); Mexico: 5 km. N Tres Cumbres, 10,200 ft., Morelos; J. T. Harris and C. H. Thomas; Aug. 20, 1950.

*Phrynosoma orbiculare durangoensis* Horowitz, 1955, Amer. Midl. Nat. 45: 211–212, table 1, map.

Paratype. 39956 (CNHM 1507); Mexico: Coyotes, Durango; Heller and Barber; Aug., 1904.

*Phyllodactylus bordai* Taylor, 1942, Univ. Kansas Sci. Bull., 28(1): 93-96.

Holotype. 25060 (27732); Mexico: 6 mi. N Taxco, Guerrero, about 5,600 ft.; E. H. Taylor; July 17, 1936.

*Phyllodactylus eduardofischeri* Mertens, 1952, Zoöl. Anz., 148: 88.

Paratype. 44691 (SMF 43170); El Salvador: Westufer des Río Chilama bei La Libertad, Dept. La Libertad; A. Zilch; Oct. 1, 1951.

*Phyllodactylus gilberti* Heller, 1903, Proc. Wash. Acad. Sci., 5: 61-63.

Paratype. 40806 (SU 4550); Galapagos Isl.: Wenman Isl.; Heller and Snodgrass; Dec. 15, 1898.

*Phyllodactylus homolepidurus* Smith, 1935, Univ. Kansas Sci. Bull., 22: 121-125.

Topoparatypes. 27475-8 (125, 145, 149, 151); Mexico: 5 mi. SW Hermosillo, Sonora; E. H. Taylor; June 22-23, 1934. 27483 (516); Mexico: 10 mi. NW Guaymas, Sonora; E. H. Taylor; June 28-July 9, 1934. 27484 (520); Mexico: 4 mi. SE Guaymas; E. H. Taylor; July 13, 1934.

*Phyllodactylus lanei* Smith, 1935, Univ. Kansas Sci. Bull., 22: 125-132.

Topoparatypes. 19610-1 (1462, 1518); Mexico: near Tierra Colorada, Guerrero; E. H. Taylor and H. M. Smith; June 30, 1932.

Paratypes. 19614-6 (1340, -43, -46); Mexico: about 1 mi. N Organos, Guerrero; H. M. Smith and E. H. Taylor; June 28, 1932.

*Phyllodactylus lanei rupinus* Dixon, 1963, in press.

Paratypes. 19623-6, 19633-44 (10983, 10989, 10992, 10877, 10945, 10948, 10951, 10957, 10960, 10954, 10963, 10966, 10969, 10972, 10975, 10977); Mexico: Hda. El Sabino, nr. Uruapan, Michoacán; H. M. Smith; July 20-31, 1935, and 1936.

*Phyllodactylus magister* Noble, 1924, Occ. Pap. Boston Soc. Nat. Hist., 5: 110-112.

Paratype. 41515 (USNM 75950); Perú: Bellavista; G. K. Noble; 1918.

*Phyllodactylus magnatuberculatus* Taylor, 1940, Univ. Kansas Sci. Bull., 26: 547-549.

Holotype. 25059 (10995); Mexico: Acapulco, Guerrero; H. M. Smith; Oct. 10, 1936.

*Phyllodactylus magnus* Taylor, 1942, Univ. Kansas Sci. Bull., 28: 99-103.

Paratypes. 27485-6 (11039, -42); Mexico: Agua del Obispo, Guerrero; E. H. Taylor; 1932 and 1936. 27487 (11048); Mexico: Garrapatas, Guerrero; H. M. Smith and Taylor; June 27, 1932. 27488 (21765); El Ocotito, Guerrero; Smith and Taylor; 1939.

*Phyllodactylus muralis* Taylor, 1940, Univ. Kansas Sci. Bull., 26: 543-547.

Topoparatypes. 19647-60 (10883, -86, -88A, -89, -92, -98, 10901, -04, -07, -13, -22, -28, -31, -34), 24955-7 (10910, -16, -19); Mexico: Totolapam, Oaxaca; H. M. Smith; Aug. 6-7, 1935.

*Phyllodactylus wirshingi* Kerster and Smith, 1955, Herpetologica, 11: 229-232.

Holotype. 37740; Puerto Rico: Caja de Muertos Isl.; J. A. Wirshing; March 10, 1953.

Topoparatypes. 37741-2; Puerto Rico: Caja de Muertos Isl.; J. A. Wirshing; March 10, 1953.

*Plestiodon longirostris* Cope, 1861, Proc. Acad. Nat. Sci. Philadelphia, 13: 313.

Syntype. 40740 (USNM 4737); Bermuda Isl.; J. H. Darrell; Jan., 1861.

*Plestiodon tetragrammus* Baird, 1858 (1859), Proc. Acad. Nat. Sci. Philadelphia, 10: 256.

Syntype. 40741 (USNM 3124); Mexico: Matamoros, Tamaulipas; D. N. Couch; July 21, 1858.

*Sceloporus aeneus bicanthalis* Smith, 1937, Occ. Pap. Mus. Zool. Univ. Mich., 361: 6-8.

Topoparatype. 27252 (7919); Mexico: Cofre de Perote, near Cruz Blanca, Veracruz; E. H. Taylor; Sept. 2, 1936.

*Sceloporus aeneus subniger* Poglayen and Smith, 1958, *Herpetologica*, 14(1): 13-15.

Holotype. 40850; Mexico: 63 km. N Toluca, Mexico; Ivo Poglayen; April 4, 1956.

Topoparatypes. 40848-49, 40851-55; same data as holotype.

Paratypes. 24686; Mexico: El Cerrillo, Mexico; A. Smith; July 12, 1949. 10665-80; Mexico: 15 km. W Toluca, Mexico; H. M. and R. Smith; March 2, 1939.

Hypoparatypes. 35050; Mexico: Irapuato, Guanajuato; A. Smith; Aug., 1949. 37996-38004; Mexico: Nevado de Toluca, Mexico; E. H. Taylor; June 18, 1940.

*Sceloporus cautus* Smith, 1938, *Occ. Pap. Mus. Zool. Univ. Mich.*, 387: 2-7.

Paratypes. 20541 (13061); Mexico: 10 mi. S Majoma, Zacatecas; H. M. Smith and D. Dunkle; July 4, 1934.

*Sceloporus clarki uriquensis* Tanner and Robison, Jr., 1959, *Great Basin Nat.*, 19(4): 77-79, fig. 1.

Paratype. 49300 (BYU 16893); Mexico: 1 mi. N Maguorichic, Chihuahua; W. W. Tanner; July 13, 1960.

*Sceloporus edwardtaylori* Smith, 1936, *Herpetologica*, 1: 6-8.

Paratypes. 27253-5 (3919, 4007, 4098); Mexico: near Totolapam, Oaxaca; H. M. Smith; Aug. 7, 1935.

*Sceloporus formosus scitulus* Smith, 1942, *Proc. U.S. Nat. Mus.*, 92: 352-354.

Topoparatypes. 27258-63 (26956, -59, -63, -66, -69, -72); Mexico: Omilteme, Guerrero; R. C. and E. H. Taylor; Aug. 2-4, 1940.

*Sceloporus horridus albiventris* Smith, 1939, *Field Mus. Nat. Hist., Zool. Ser.*, 26: 108-110, pl. 12.

Paratype. 27445 (8513); Mexico: Tepic, Nayarit; E. H. Taylor; July 29, 1934.

Remarks. Not listed as a paratype but definitely a specimen of the original hypodigm.



*Sceloporus jarrovi immucronatus* Smith, 1936, Copeia: 223-227.

Topoparatype. 27268 (506); Mexico: 10 mi. N El Pinalito, Hidalgo; E. H. Taylor and H. M. Smith; June 15, 1932.

Paratype. 27269 (606); Mexico: about 25 mi. S Jacala, Hidalgo; Taylor and Smith; June 16, 1932.

*Sceloporus jarrovi oberon* Smith and Brown, 1941, Field Mus. Nat. Hist., Zool. Ser., 24: 253-257.

Paratypes. 27057-64 (26916, -19, -22, -25, -28, -31, -34, -37); Mexico: Diamond Pass, 7,800 ft., Mt. Zapalinamé, near Saltillo, Coahuila; R. and H. M. Smith; Nov. 15, 1938.

*Sceloporus jarrovi sugillatus* Smith, 1942, Proc. U.S. Nat. Mus., 92: 357-359.

Topoparatypes. 21315-8 (22311, -14, -17, -20); Mexico: E end of lake no. 4, Zempoala, Mexico; E. H. Taylor and H. M. Smith; 1939.

*Sceloporus lineolateralis* Smith, 1936, Proc. Biol. Soc. Wash., 49: 92-96.

Topoparatypes. 21319-21 (4322, 4334, 4340); Mexico: 6 mi. NE Pedriceña, Durango; E. H. Taylor and H. M. Smith; Aug. 27, 1932.

*Sceloporus longipes* Baird, 1859 (1858), Proc. Acad. Nat. Sci. Philadelphia, 10: 254.

Syntype. 40726 (USNM 4358); California: Ft. Tejon; J. Xantus; n.d.

*Sceloporus lundelli gaigeae* Smith, 1939, Field Mus. Nat. Hist., Zool. Ser., 26: 71-74.

Topoparatype. 27265 (9943); Mexico: Mérida, Yucatán; H. M. Smith; Aug. 30, 1936.

*Sceloporus lundelli lundelli* Smith, 1939, Field Mus. Nat. Hist., Zool. Ser. 26: 66-71.

Paratype. 27266 (9947); Mexico: Balchacaj, Campeche; H. M. Smith; Aug. 15, 1936.

*Sceloporus macdougalli* Smith and Bumzahem, 1953, *Herpetologica*, 9(4): 186–188.

Holotype. 34354; Mexico: Rincón Bamba, 22 mi. SW Tehuantepec, Oaxaca; T. MacDougall; March 26–27, 1953.

Topoparatypes. 34355, 34357; Mexico: Rincón Bamba, 22 mi. SW Tehuantepec, Oaxaca; T. MacDougall; March 26–27, 1953.

*Sceloporus maculosus* Smith, 1934, *Trans. Kansas Acad. Sci.*, 37: 267–269.

Paratype. 27421 (4383); Mexico: 6 mi. NE Pedriceña, Durango; E. H. Taylor and H. M. Smith; Aug. 27, 1932.

*Sceloporus magister cephaloflavus* Tanner, 1955, *Great Basin Nat.*, 15(1–4): 32–34.

Paratypes. 40768 (BYU 13157); Utah: 6 mi. NW Hog Springs (about 20 mi. WNW Hite), Garfield Co.; W. W. Tanner; June 17, 1956. 40769 (BYU 13168); Trachyte Creek, Garfield Co.; W. W. Tanner; June 17–18, 1956.

*Sceloporus malachiticus internasalis* Smith and Bumzahem, 1955, *Herpetologica*, 11(2): 118–120.

Holotype. 35617; Mexico: La Gloria, Oaxaca; T. MacDougall; March 12, 1953.

Topoparatypes. 35618–9; Mexico: La Gloria, Oaxaca; T. MacDougall; March 12, 1953. 21326; Mexico: La Gloria, Oaxaca; T. MacDougall; Feb. 23–27, 1940.

Remarks. No. 35718 in text should be 35618, as above.

*Sceloporus megalepidurus* Smith, 1934, *Trans. Kansas Acad. Sci.*, 37: 272–277.

Paratypes. 27426 (1805); Mexico: Tepeyahualco, 19 mi. W Perote, Veracruz; E. H. Taylor and H. M. Smith; July 12, 1932. 27427–31 (1865, –71, –78, –87, –93); Mexico: 15 mi. E San Marcos, Veracruz; E. H. Taylor and H. M. Smith; July 12, 1932.

Topoparatypes. 27432–4 (2910, –26, –26A); Mexico: in pedregal near Totalco, Veracruz; E. H. Taylor and H. M. Smith; July 19, 1932.

*Sceloporus melanorhinus calligaster* Smith, 1942, Proc. U.S. Nat. Mus., 92: 360–361.

Paratypes. 21389 (8269); Mexico: Hda. Quesería, Colima; H. M. Smith; June 20, 1935. 21390 (8275); Mexico: Hda. Paso del Río, Colima; H. M. Smith; July 8, 1935. 21391–3 (8287, –93, –99); Mexico: Hda. El Sabino, Michoacán; H. M. Smith; July–Aug., 1935. 21394 (8305); Mexico: Acapulco, Guerrero; E. H. Taylor; July 29, 1936.

*Sceloporus merriami annulatus* Smith, 1937, Proc. Biol. Soc. Wash., 50: 83–86.

Holotype. 25058 (A787); Texas: E slope Chisos Mts., Brewster Co.; E. H. Taylor and J. Wright; Aug., 1931.

*Sceloporus merriami australis* Williams, Smith, and Chrapliwy, 1960, Trans. Illinois State Acad. Sci., 53(1+2): 38–39.

Holotype. 43319; Mexico: 15.6 mi. E Cuatro Ciénegas, Coahuila; P. S. Chrapliwy and K. L. Williams; July 9, 1958.

Topoparatypes. 43311–17, 43320–21; same data as holotype.

Paratypes. 43307–10; Mexico: 23.8 mi. SE Hda. Guadalupe, Coahuila; P. S. Chrapliwy and K. L. Williams; July 9, 1958. 43322–43324; Mexico: 6.2 mi. W Cuatro Ciénegas, Coahuila; P. S. Chrapliwy and K. L. Williams; July 9, 1958. 46945–55; Mexico: 5.7 mi. W Cuatro Ciénegas, Coahuila; M. Duever, P. Porzel, and K. L. Williams; Aug. 24–25, 1959. 46956–7; Mexico: 29 mi. W Cuatro Ciénegas, Coahuila; M. Duever, P. Porzel, and K. L. Williams; Aug. 24–25, 1959.

*Sceloporus nelsoni barrancorum* Tanner and Robison, 1960, Herpetologica, 16(2): 114.

Paratype. Same as for *S. n. coeruleus*, for which *barrancorum* is a substitute.

*Sceloporus nelsoni coeruleus* Tanner and Robison, Jr., 1959, Great Basin Nat., 19(4): 79–82, fig. 2.

Paratype. 48137 (BYU 14319); Mexico: Urique, Chihuahua; W. W. Tanner and W. G. Robison, Jr.; June 16, 1954.

*Sceloporus ochoterenai* Smith, 1934, Trans. Kansas Acad. Sci., 37: 269–272.

Paratypes. 37943–4 (775, 722), 37949 (728); Mexico: 11 mi. SW Puente de Ixtla, Guerrero; H. M. Smith and E. H. Taylor; June 22–23, 1932.

Topoparatypes. 37945–8 (1070, –83, 1548, 1090); 37955 (1077); Mexico: 2 mi. N Mazatlán, Guerrero; H. M. Smith and E. H. Taylor; June 26, 1932, except 37947, July 2, 1932.

*Sceloporus oligoporus* Cope, 1864, Proc. Acad. Nat. Sci. Philadelphia, 16: 177.

Syntype. 40728 (USNM 31392); Mexico: Colima; J. Xantus; March–July, 1863.

*Sceloporus olivaceus* Smith, 1934, Trans. Kansas Acad. Sci., 37: 277–279.

Holotype. 25057 (2508); Texas: Arroyo Los Olmos, 3 mi. SE Rio Grande City, Starr Co.; E. H. Taylor and J. S. Wright; Aug. 23, 1931.

*Sceloporus orcutti* Stejneger, 1893, North Amer. Fauna, (7): 181, pl. 1, figs. 4a–c.

Paratype. 40727 (USNM 16331); California: Milquatay Valley, San Diego Co.; C. R. Orcutt; Jan. 5, 1890.

*Sceloporus ornatus caeruleus* Smith, 1936, Copeia, 4: 227–230.

Topoparatype. 21452 (D–S 353); Mexico: 5 mi. S San Pedro, Coahuila; D. Dunkle and H. M. Smith; June 20, 1934.

*Sceloporus parvus* Smith, 1934, Trans. Kansas Acad. Sci., 37: 263–267.

Topoparatype. 27420 (285); Mexico: 5 mi. W Sabinas Hidalgo, Nuevo León; E. H. Taylor and H. M. Smith; June 8, 1932.

*Sceloporus parvus scutulatus* Smith, 1937, Occ. Pap. Mus. Zool. Univ. Mich., 358: 4–6.

Holotype. 25056 (7129); Mexico: 30 mi. N Matehuala, San Luis Potosí; E. H. Taylor and H. M. Smith; Aug. 20, 1932.

*Sceloporus poinsetti macrolepis* Smith and Chrapliwy, 1958, *Herpetologica*, 13(4): 268–269.

Holotype. 35455; Mexico: El Salto, Durango; Barden and Firschein; 1952–53.

Topoparatypes. 35453–54, –56. Same data as holotype.

Paratypes. 41630–41636; Mexico: 5 mi. W El Salto, Durango; D. Langebartel, Schaffner, and Widdows; Aug. 31–Sept. 1, 1957. 41629; Mexico: 27 mi. E El Salto, Durango, same collectors; Aug. 31, 1957. 41628; Mexico: 10 mi. W Ciudad Durango, Dgo.; same collectors; Aug. 31, 1957. 40474; Mexico: 24 mi. N Ciudad Durango, Dgo.; W. H. Davis, W. Z. Lidicker, and J. R. Winkelmann; July 16, 1956.

*Sceloporus poinsetti polylepis* Smith and Chrapliwy, 1958, *Herpetologica*, 13(4): 269–270.

Holotype. 21464 (8757 = S–D 254); Mexico: 18 mi. N Escalón, Chihuahua; D. H. Dunkle and H. M. Smith; June 25, 1934.

Topoparatypes. 21465–66, same data as holotype.

Paratypes. 21459–62 (8751, 8775, 8763, 8769); Mexico: vicinity of Pedriceña, Durango; E. H. Taylor and H. M. Smith; Aug. 27 and 29, 1932.

*Sceloporus pyrocephalus* Cope, 1864, *Proc. Acad. Nat. Sci. Philadelphia*, 16: 177.

Syntype. 40729 (USNM 31427); Mexico: Colima; J. Xantus; 1863.

*Sceloporus serrifer cariniceps* Martin, 1952, *Occ. Pap. Mus. Zool. Univ. Mich.*, (543): 1–6, table.

Paratype. 39846 (UMMZ 104339); Mexico: about 5 mi. NE Gomez Farias, along Río Sabinas at “Pano Ayuctle,” Tamaulipas; P. S. Martin; July 2, 1951.

*Sceloporus serrifer plioporus* Smith, 1939, *Field Mus. Nat. Hist., Zool. Ser.*, 26: 212–214.

Paratype. 27361 (9405); Mexico: Las Vigas, Veracruz; E. H. Taylor; Sept. 31, 1936.



*Sceloporus shannonorum* Langebartel, 1959, *Herpetologica*, 15(1): 25-27, fig. 1.

Holotype. 43060; Mexico: 37 mi. by road from Concordia, Sinaloa, near Durango-Sinaloa border (state not determined); J. Schaffner; Sept. 2, 1957.

*Sceloporus siniferus* Cope, 1869, *Proc. Amer. Philos. Soc.*, 11: 159.

Syntype. 40730 (USNM 30457); Mexico: Pacific side of Isthmus of Tehuantepec, Oaxaca (restricted to Tehuantepec, Oaxaca); F. Sumichrast; n.d.

*Sceloporus spinosus apicalis* Smith and Smith, 1951, *Proc. Biol. Soc. Wash.*, 64: 101-104.

Holotype. 8864; Mexico: 10 mi. SW Miahuatlán, Oaxaca; W. L. Burger; July 6, 1949.

Paratypes. 8850, 8852-3; Mexico: 8 mi. S Miahuatlán, Oaxaca; W. L. Burger; July 24, 1949. 10821-7; Mexico: San Pedro Quiechapa, Oaxaca; H. M. Smith; May, 1940.

Topoparatypes. 8851, 8854-63, 8865; Mexico: 10 mi. SW Miahuatlán, Oaxaca; W. L. Burger; July 6, 1949.

*Sceloporus stejnegeri* Smith, 1942, *Proc. U.S. Nat. Mus.*, 92: 350-352.

Topoparatype. 27422 (27299); Mexico: Tierra Colorada, Guerrero; E. H. and R. C. Taylor and H. M. Smith; Aug. 10, 1940.

*Sceloporus subpictus* Lynch and Smith, 1964, *Herpetologica*, in press.

Holotype. 53127; Mexico: San Andres Chicahuastla, Oaxaca; Thomas MacDougall; May 5, 1963.

Topoparatypes. 53128-31; same data as holotype.

*Sceloporus undulatus erythrocheilus* Maslin, 1956, *Herpetologica*, 12(4): 291.

Paratypes. 40766-7, 52479-80 (UCM 5057, 5059-60, 5086); Colorado: Purgatoire River, 19 mi. E Model, Las Animas Co.; T. P. Maslin and H. A. Fehlmann; Sept. 17, 1948.

*Sceloporus variabilis smithi* Hartweg and Oliver, 1937, Occ. Pap. Mus. Zool. Univ. Mich., (356): 1-5.

Paratype. 39957 (CNHM 1472); Mexico: San Gerónimo (Iztepec), Oaxaca; Heller and Barber; spring, 1904.

*Sceloporus woodi* Stejneger, 1918, Proc. Biol. Soc. Wash., 31: 90.

Paratype. 40748 (USNM 60840); Florida: Georgiana, Brevard Co.; W. Wittfield; n.d.

*Sceloporus zosteromus* Cope, 1863, Proc. Acad. Nat. Sci. Philadelphia, 15: 105.

Syntype. 40731 (USNM 5298); Mexico: Cabo San Lucas, Baja California; J. Xantus; n.d.

*Sphaerodactylus alayoi* Grant, 1959, Herpetologica, 15(1): 49-53, figs. 1-2.

Holotype. 44215; Cuba: Guantánamo Naval Base, U.S.N., Oriente; C. Grant; Nov., 1957.

Topoparatypes. 44216-38, 44240-44; Lt. A. Spielman; Jan., 1958.

*Sphaerodactylus danforthi* Grant, 1931, Jour. Dept. Agric., Porto Rico, 15: 201, 203, 205-207; figs. 6-10.

Paratype. 41517; Virgin Isl.: Culebra Isl.; C. Grant; 1931.

*Sphaerodactylus nicholsi* Grant, 1931, Jour. Dept. Agric., Porto Rico, 15: 201, 202, 203, 204-5, fig. 11.

Paratype. 41516; Puerto Rico: near Ensenada; C. Grant; Dec. 31, 1930.

*Sphaerodactylus ruibali* Grant, 1959, Herpetologica, 15(1): 53.

Holotype. 44246; Cuba: Guantánamo Naval Base, U.S.N., Oriente; C. Grant; Nov., 1957.

Topoparatypes. 44247-49; Lt. A. Spielman; Jan., 1958.

*Sphaerodactylus spielmani* Grant, Herpetologica, 14(4): 225-227, fig. 1-2.

Holotype. 44105; Cuba: Guantánamo, Oriente; Lt. A. Spielman; Jan. 3, 1958.

Topoparatypes. 44106-44213; Lt. A. Spielman (?).

*Sphenomorphus rufogulus* Taylor, 1950, Univ. Kansas Sci. Bull., 33(2): 504-507.

Paratype. 37568 (30230); Ceylon: 21 mi. E Trincomalee; E. H. Taylor; Sept., 1944.

*Tropidurus abingdonensis* Baur, 1890, Biol. Centralbl., 10: 479.

Syntype. 40749 (USNM 14998); Ecuador: Abingdon Isl., Galápagos Isl.; Albatross Expedition; April 16, 1888.

*Tropidurus grayi magnus* Heller, 1903, Proc. Wash. Acad. Sci., 5: 74-75.

Paratype. 40803 (SU 4570); Galapagos Isl.: E side Narbor Isl.; Heller and Snodgrass; 1899.

*Tropidurus occipitalis koepckeorum* Mertens, 1956, Senckenberg. biol., 37(1/2): 117-119, pl. 16, figs. 29, 30, pl. 17, fig. 32.

Paratype. 44701 (SMF 50339); Perú: Oberhalb Pariakoto, 1,200-1,600 m., östlich Yautan; R. Mertens; Jan. 30, 1955.

*Tropidurus peruvianus salinicola* Mertens, 1956, Senckenberg. biol., 37(1/2): 108-109, pl. 12, figs. 8-10.

Paratype. 44702 (SMF 50240); Perú: Salina, südlich Huacho; H. W. Koepcke; April 25, 1952.

*Uma exsul* Schmidt and Bogert, 1947, Amer. Mus. Nov., (1339): 1-7, figs. 1-4, table, map.

Paratype. 39958 (CNHM 44311); Mexico: dunes 12 mi. N San Pedro de las Colonias, Coahuila; Schmidts; Aug. 20, 1946.

*Uma paraphygas* Williams, Chrapliwy, and Smith, 1959, Trans. Kansas Acad. Sci., 62(2): 166-172, pls. 1-2.

Holotype. 42889; Mexico: sand dunes 0.7 mi. E Carrillo, Chihuahua; P. S. Chrapliwy and K. L. Williams; Aug. 1, 1958.

Topoparatypes. 42882-5, 42887, 42890-9, same data as holotype.

*Uma rufopunctata* Cope, 1895, Amer. Nat., 29: 939.

Syntype. 40750 (USNM 21848); Arizona: Monument 200, Yuma Desert, Yuma Co.; E. A. Mearns; May 15-16, 1894.

*Urosaurus bicarinatus spinosus* Bumzahem and Smith, 1954, *Herpetologica*, 10: 181–183.

Paratypes. 34217; Mexico: Región de Soconusco, Chiapas; E. Matuda; 1944–49.

*Urosaurus graciosus shannoni* Lowe, 1955, *Herpetologica*, 11: 97–101.

Topoparatype. 35908 (FAS 5713); Arizona: E bank of Hassayampa R., 2 mi. W Morristown, Maricopa Co.; R. W. Abbuhl and G. O. Gates; Aug. 3, 1954.

*Uta caerulea* Smith, 1935, *Univ. Kansas Sci. Bull.*, 22(7): 172–178.

Topoparatypes. 22081, –3 (D–S 138, 129); Mexico: about 20 mi. S Chihuahua, Chihuahua; D. Dunkle and H. M. Smith; June 22, 1934.

*Uta elegans* Yarrow, 1882, *Proc. U.S. Nat. Mus.*, 5: 442.

Syntype. 40751 (USNM 12666); Mexico: La Paz, Baja California; L. Belding; 1882.

*Uta mearnsi* Stejneger, 1894, *Proc. U.S. Nat. Mus.*, 17: 589.

Paratype. 40752 (USNM 21888); California: east base of Coast Range; E. A. Mearns; May 9, 1894.

*Uta stansburiana hesperis* Richardson, 1915, *Proc. U.S. Nat. Mus.*, 48: 415.

Paratype. 40810 (SU 1320); California: San Jacinto, Riverside Co.; E. Hyatt and Stoddard; summer, 1892–April, 1893.

*Uta stansburiana nevadensis* Ruthven, 1913, *Proc. Biol. Soc. Wash.*, 26: 27–29, fig. 1.

Paratype. 43489 (UMMZ 43815); Nevada: Cortez Range, Carlin; F. Gaige; July 6, 1912.

*Uta taylori* Smith, 1935, *Univ. Kansas Sci. Bull.*, 22: 158–166.

Topoparatypes. 27447–50 (253, 256, 281, 282); Mexico: 1 mi. W La Posa, 19 mi. NW Guaymas, Sonora; E. H. Taylor; June–July, 1934.

Paratypes. 27446 (200); Mexico: 54 mi. SW Hermosillo, Sonora; E. H. Taylor; June 26, 1934.

*Verticaria hyperythra schmidtii* Van Denburgh and Slevin, 1921, Proc. Calif. Acad. Sci., ser. 4, 11: 397.

Paratype. 39959 (CNHM 1087); Mexico: San Antonio, Baja California; Edmund Heller; n.d.

Remarks. No paratypes were designated in the original description.

*Xantusia vigilis utahensis* Tanner, 1957, Herpetologica, 13(1): 5, 3 pls.

Paratypes. 48136 (BYU 13238); Utah: 200 yds. S of Trachyte Creek, end of road, Garfield Co.; W. W. Tanner and W. Lynn Tanner; June, 1954. 40771 (BYU 12644); Utah: S of Trachyte Creek, Garfield Co.; W. W. Tanner; June 9, 1955.

## SERPENTES

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*Adelphicos veraepacis nigrilatus* Smith, 1942, Proc. Rochester Acad. Sci., 8: 182-186.

Topoparatypes. 36203 (15337); Mexico: San Cristobal, Chiapas; H. D. Thomas; 1937.

*Agkistrodon bilineatus taylori* Burger and Robertson, 1951, Univ. Kansas Sci. Bull., 34: 213.

Holotype. 10002 (5514); Mexico: km. 833, 21 km. NW Villagran, Tamaulipas; E. H. Taylor; June 9, 1938.

*Alsophis cantherigus spielmani* Grant, 1959, Herpetologica, 15(1): 59-60, fig. 2.

Holotype. 42341; Cuba: Guantánamo, Oriente; Lt. A. Spielman; March 22, 1958.

Topoparatypes. 42335-40, 42342-52; Lt. A. Spielman (?); Nov.-Dec., 1957.

*Arizona elegans australis* Williams, Chrapliwy, and Smith, 1961, Chi. Acad. Sci., Nat. Hist. Misc., 177: 1-4

Holotype. 48721; Mexico: 21 mi. SW Loreto, San Luis Potosí, in Aguascalientes; P. S. Chrapliwy, K. L. Williams; July 20, 1958.



Paratypes. 48723–5; Mexico: 6.1–6.5 mi. SE Nombre de Dios, Durango; Chrapliwy and Williams; July 19, 1958. 48722; Mexico: 20 mi. SE Nombre de Dios, Durango; Chrapliwy and Williams; July 19, 1958.

*Arizona elegans candida* Klauber, Trans. San Diego Soc. Nat. Hist., 10(17): 364–372, pl. 8, fig. 2, tables 1–7, map.

Paratype. 40753 (LMK 33978); California: 10 mi. S Kramer Junction, San Bernardino Co.; James Deuel; May 17, 1941.

*Arizona elegans eburnata* Klauber, Trans. San Diego Soc. Nat. Hist., 10(17): 350–364, pl. 8, fig. 1, tables 1–7, map.

Paratype. 40754 (LMK 21108); California: Borrego Valley, San Diego Co.; C. B. Perkins; Sept. 29, 1933.

*Arizona elegans noctivaga* Klauber, Trans. San Diego Soc. Nat. Hist., 10(17): 343–350, tables 1–7, map.

Paratypes. 40755 (LMK 32521); Arizona: Xavier, Pima Co.; Lee Arnold; Aug. 22, 1939. 40635 (AMNH 60561); 5 mi. E Tucson, Pima Co.; C. M. Bogert; May 24, 1938.

*Atractus lehmanni* Boettger, 1898, Kat. Batr.-Sammlung Mus. Senckenbergischen Naturf. Ges., II Teil (Schlangen), p. 80.

Paratype. 44706 (SMF 19359); Ecuador: Cuenca; F. C. Lehmann; 1894–96.

*Bothrops sphenophrys* Smith, 1959, Trans. Kansas Acad. Sci., 62(4): 267–272, pls. 1–2.

Holotype. 6262. Mexico: La Soledad, about 6,000 ft., Oaxaca; W. L. Burger; July 22, 1949.

*Boulengerula taitanus* Loveridge, 1935, Bull. Mus. Comp. Zool., 79: 16.

Paratype. 41503 (MCZ unnumbered); Kenya: Taita, Mt. Mbolo; A. Loveridge; April 14–24, 1934.

*Boulengerula uluguruensis* Barbour and Loveridge, 1928, Mem. Mus. Comp. Zool., 50: 183.

Paratype. 41504 (MCZ 12360); Tanganyika: Uluguru Mts., Nyanze; A. Loveridge; 1926.

*Coniophanes fissidens convergens* Shannon and Smith, 1949, Trans. Kansas Acad. Sci., 52: 500.

Holotype. 3821; Mexico: 6 mi. NW Tihuatlán, Veracruz; W. L. Burger; April 20, 1949.

*Coniophanes fissidens obsoletus* Minton and Smith, 1960, Herpetologica, 16(2): 108–109, fig. 1.

Holotype. 46573; Central America: Max Cone Finca, 1 mi. E Volcán de Buenos Aires, Costa Rica; S. H. Minton, Jr.; July 22, 1957.

*Coniophanes imperialis copei* Hartweg and Oliver, 1938, Occ. Pap. Mus. Zool. Univ. Mich., (390): 4–6.

Paratype. 43495 (UMMZ 82679); Mexico: mts. in vicinity of La Mixtequilla, Oaxaca; N. Hartweg, J. Oliver; July 19, 1936.

*Conopsis biserialis* Taylor and Smith, 1942, Univ. Kansas Sci. Bull., 28: 333–337.

Paratypes. 27363–71 (4708, –11, –14, –17, –21, 5093, –96, –99, 5101A); Mexico: near Tres Cumbres, Morelos; E. H. Taylor and H. M. Smith; July 6, 1932 (27363–6), July 10, 1932 (27367–8), July 11, 1936 (27369–71). 27376–7 (4757, 4759A); Mexico: 15 mi. SE Zitácuaro, Michoacán; E. H. Taylor and H. M. Smith; Aug. 5, 1932.

Topoparatypes. 27375 (16244); 27379–80 (23647, 23697); Mexico: 10 mi. W Villa Victoria, Mexico; E. H. Taylor; Aug. 13, 1940.

*Crotalus cerastes cercobombus* Savage and Cliff, 1953, Nat. Hist. Misc., 119: 1–7.

Paratypes. 1926; Mexico: 4.5 mi. S Sonoita, Sonora; W. L. Burger and M. Hensley; Aug. 8, 1948. 5628–31; Arizona: from 2–36 mi. S Ajo, Pima Co. (except 5631, which is 13 mi. N Ajo); M. Hensley; May–June, 1949. 23913; Mexico: 1 mi. SE Altar, Sonora; R. W. Abbuhl and D. Langebartel; June 27, 1951.

*Crotalus cerastes laterorepens* Klauber, Trans. San Diego Soc. Nat. Hist., 10(8): 94–122, pl. 5, fig. 2, tables 1–6, map.

Paratype. 40756 (LMK 34570); California: Benson's Dry Lake, San Diego Co.; E. E. Benson; Sept. 21, 1941.

*Crotalus confluentus lutosus* Klauber, Trans. San Diego Soc. Nat. Hist., 6(3): 100-106, pl. 10, fig. 1.

Paratype. 40757 (LMK 1804); Utah: 20 mi. NW Delta, Millard Co.; C. B. Perkins; May 21, 1929.

*Crotalus durissus culminatus* Klauber, 1952, Bull. Zool. Soc. San Diego, 26: 65-71.

Topoparatypes. 19172 (5469), 26098-9 (5228, 5230); Mexico: Hda. El Sabino, near Uruapan, Michoacán; H. M. Smith (19172) and J. R. Bresson; July 21-22, 1935 (19172), Aug.-Oct., 1935.

*Crotalus durissus tzabcan* Klauber, 1952, Bull. Zool. Soc. San Diego, (26): 71-76, tables 1-2.

Paratype. 39960 (CNHM 36169); Mexico: Kantunil, Yucatán; E. W. Andrews; Nov. 28, 1939.

*Crotalus pusillus* Klauber, 1952, Bull. Zool. Soc. San Diego, 26: 34-40.

Paratypes. 22809 (23739); Mexico: near Carapan, Michoacán; E. H. Taylor; Aug. 16, 1940. 39961 (CNHM 37046); Mexico: Tancítaro, 6,000 ft., Michoacán; Fred Shannon; Aug. 15, 1940.

Remarks. No paratypes were designated, but the specimens were listed and described in the original paper.

*Crotalus semicornutus* Taylor, 1944, Univ. Kansas Sci. Bull., 30: 52-55.

Holotype. 25068 (23014); Mexico: Mojárachic, Chihuahua; I. Knobloch; 1939.

*Crotalus triseriatus anahuacus* Gloyd, 1940, Spec. Publ. Chi. Acad. Sci., 4: 91-95.

Paratype. 22811 (5490); Mexico: Zempoala, Morelos; E. H. Taylor; June 15, 1938.

Remarks. 22811 is not designated as a paratype, but is included in the list of material examined of this subspecies, in the original description.

*Crotalus triseriatus aquilus* Klauber, 1952, Bull. Zool. Soc. San Diego, 26: 24-34.

Paratypes. 22813-5 (21497-99); Mexico: Tacícuaro, Michoacán; H. D. Thomas; 1939. 22816-7 (5491, 5495); Mexico: 12-15 mi. W Morelia, Michoacán; E. H. Taylor; Sept. 18, 1938.

Remarks. No paratypes were designated, as such, in the original description, and these numbers were not cited. Records available at the Museum of Natural History of the University of Illinois demonstrate, however, that the specimens cited above were utilized in drawing up the original account.

*Crotalus triseriatus gloydi* Taylor, 1941, Univ. Kansas Sci. Bull., 27: 130-132.

Holotype. 25070 (23645); Mexico: Cerro San Felipe, Oaxaca; E. H. Taylor; 1940.

*Eudryas ruthveni* Stuart, 1933, Occ. Pap. Mus. Zool. Univ. Mich., (254): 4.

Paratype. 41525 (MCZ 6575); Colombia: Santa Marta Region, Palomina, Magdalena; W. W. Brown; ca. 1899.

*Ficimia desertorum* Taylor, 1936, Proc. Biol. Soc. Wash., 49: 31-32.

Holotype. 25065 (4576); Mexico: La Posa, 12 km. NW Guaymas, Sonora; E. H. Taylor; July 6, 1934.

*Ficimia ramirezi* Smith and Langebartel, 1950, Jour. Wash. Acad. Sci., 39: 411.

Holotype. 3767; Mexico: 1 league N Niltpec, Oaxaca; J. Ramírez; March 6, 1949.

*Ficimia ruspator* Smith and Taylor, 1941, Jour. Wash. Acad. Sci., 31: 364-365.

Holotype. 25064 (23646); Mexico: 3 mi. E Tixtla, Guerrero; E. H. Taylor; July 29, 1940.

*Geophis blanchardi* Taylor and Smith, 1939, Univ. Kansas Sci. Bull., 25 (for 1938): 245-247.

Topoparatypes. 27381 (5479); Mexico: about 2 mi. SW Acultzingo, Veracruz; E. H. Taylor; Aug. 14, 1936.

*Geophis laticinctus* Smith and Williams, 1963, *Herpetologica*, 19: 24-27, fig. 1.

Holotype. 51352; Mexico: trail at 1,800 m. elev., near Colonia Francisco I. Madero, municipality of Jitotol, Chiapas; Thomas MacDougall; Dec. 23, 1961.

*Geophis maculiferus* Taylor, 1942, *Univ. Kansas Sci. Bull.*, 27: 119-121.

Holotype. 25078 (23552); Mexico: near Cicio, on Huetamo Rd., Michoacán; E. H. Taylor; Aug. 14, 1940.

*Hypsiglena orchrorhyncha deserticola* Tanner, 1945, *Great Basin Nat.*, 5: 59, pl. 1.

Paratype. 40773 (BYU 7937); Utah: Meseda Bench on W side of Utah Lake (W of Provo), Utah Co.; G. Parker; May 12, 1945.

*Lampropeltis doliata taylori* Tanner and Loomis, 1957, *Trans. Kansas Acad. Sci.*, 60(1): 31-36, pl. 3A.

Paratype. 40772 (BYU 11117); Utah: S edge of Ephraim, Sanpete Co.; E. M. Armstrong; June 1, 1952.

*Leptodeira annulata cussiliris* Duellman, 1958, *Bull. Amer. Mus. Nat. Hist.*, 114(1): 31-39, fig. 6, pls. 2, 3, fig. 1, map 2.

Paratypes. 17805 (4647); Mexico: near Asunción, Chiapas; H. M. Smith and E. H. Taylor; Sept. 1, 1935. 6184; Mexico: Rancho San Bartolo, Chiapas; W. L. and J. Burger; July 29, 1949. 17804 (4650); Mexico: near Tonalá, Chiapas; H. M. Smith and E. H. Taylor; Aug. 29, 1935. 6185; Mexico: 6 mi. W Tuxtla, Chiapas; W. L. and J. Burger; Aug. 20, 1949. 17807 (5180); Mexico: km. 351 (Pines), Guerrero; E. H. Taylor; Aug. 1, 1936. 17811 (16155); Mexico: Agua del Obispo, Guerrero; E. H. Taylor; July 6, 1938. 17796-98, 17812-22 (16160, 16171, 16177, 16155, 16158, 16161, 16163-65, 16167, 16170, 16172-73, 16176); Mexico: El Limoncito, Guerrero; E. H. Taylor; June 27-30, 1938. 17808 (5185); Mexico: El Triente, Guerrero; E. H. Taylor; June 30, 1936. 17800 (4627A); Mexico: 44 mi. S Chilpancingo and 2 mi. N Garrapatas, Guerrero; E. H. Taylor; June 27, 1932. 17801-02 (4628, 4630); Mexico: S of El Triente, 1 mi. N Organos, Guerrero; H. M. Smith and E. H. Taylor; June 28-29, 1932. 17791 (21407); Mexico: Tierra Colorada, Guerrero; collector and date



not in catalog. 17795, 17810 (16153, 16152); Mexico: near Xaltianguis, Guerrero; E. H. Taylor; July 5 and 26, 1938. 25955; Mexico: Monjonaros, 7 mi. N Tierra Colorada, Guerrero; I. L. and D. Firschein; July 21, 1951. 25957; Mexico: 8 mi. S Tecpan, Guerrero; I. L. and D. Firschein; July 23, 1951. 25956; Mexico: Punta Marqués, Acapulco, Guerrero; I. L. and D. Firschein; July 23, 1951. 28022; Mexico: Acapulco, Guerrero; J. Werler; 1951-52. 6191-94; Mexico: Arenal, near Tehuantepec, Oaxaca; J. Ramírez; Aug. 10, 1949. 3786; Mexico: Cerro Calderona, Oaxaca; T. MacDougall; Aug. 22, 1948. 3785; Mexico: Ranchería Santa Lucía, Oaxaca; T. MacDougall; July 2, 1948. 6190; Mexico: 1 mi. W Humoa, Oaxaca; W. L. and J. Burger; Aug. 22, 1949. 6181-82; Mexico: Las Tejas, near Tehuantepec, Oaxaca; J. Ramírez; summer, 1949. 3779-80; Mexico: Nisabibi, Oaxaca; T. MacDougall; March 26, 1949. 6177-80; Mexico: Pochutla, Oaxaca; W. L. and J. Burger; July 14, 1949. 27562; Mexico: along Río Hondo north of Mt. Guengola, Oaxaca; J. Werler; 1951-52. 17790; Mexico: San Juan Guichicovi, Oaxaca; T. MacDougall (?); Dec. 21, 1941. 3781-84; Mexico: Tehuantepec, Oaxaca; T. MacDougall; 1948-49. 6183; Mexico: 1 mi. N Tehuantepec, Oaxaca; W. L. and J. Burger; July 23, 1949. 6187-89; Mexico: 1 mi. E Tapanatepec, Oaxaca; W. L. and J. Burger; Aug. 22, 1949. 17792-94 (4624-26); Mexico: near Totolapam, Oaxaca; H. M. Smith; Aug. 6, 1935. 17823 (27910); Mexico: San Antonio Limon Totalco, Puebla; E. H. Taylor; Aug. 15, 1941. 25954; Mexico: Moctezuma River, Tamazunchale, San Luis Potosí; I. L. and D. Firschein; July 9, 1951. 19282; Mexico: 14 mi. N Antiguo Morelos, Tamaulipas; D. M. Darling; Aug. 8, 1950. 3843; Mexico: 15 mi. N Ciudad Mante, Tamaulipas; P. W. Smith, W. L. Burger, R. Reese, F. Shannon, and I. Firschein; April 17, 1949. 19283; Mexico: 22 mi. N Ciudad Mante, Tamaulipas; D. M. Darling; Aug. 8, 1950. 17806 (5175); Mexico: km. 609 north of Limón, Tamaulipas; E. H. Taylor; 1936. 3844; Mexico: 1 mi. N La Laja, Tampico-Tuxpan Road, Veracruz; P. W. Smith, W. L. Burger, R. Reese, F. Shannon, and I. Firschein; April 18, 1949. 3845-46; Mexico: Pozo Rica, Veracruz; P. W. Smith, W. L. Burger, R. Reese, F. Shannon, and I. Firschein; April 21 and 24, 1949. 21827; Mexico: Puente Nacional, Veracruz; J. Werler; Nov. 13, 1948. 17809 (17890 in publication); Mexico: Potrero Viejo, Veracruz; D. M. Forbes; July 15, 1938.

Remarks. The preceding are not specifically designated as paratypes, but are included in the list of specimens examined.

*Leptodeira bressoni* Taylor, 1939, Univ. Kansas Sci. Bull., 25: 321–325.

Topoparatype. 27385 (5173); Mexico: Hda. El Sabino, about 20 mi. S Uruapan, Michoacán; J. R. Bresson; 1935.

*Leptodeira larcorum* Schmidt and Walker, 1943, Field Mus. Nat. Hist., Zool. Ser., 24: 311.

Paratype. 41526 (MCZ 17465); Peru: Bellavista; G. K. Noble; 1916.

*Leptophis mexicanus yucatanensis* Oliver, 1942, Occ. Pap. Mus. Zool. Univ. Mich., (462): 10–12.

Paratype. 39962 (CNHM 36437); Mexico: Yokdzonot, Yucatán; E. W. Andrews; Nov. 11, 1939.

*Leptotyphlops bressoni* Taylor, 1939, Copeia, 1: 5–6.

Holotype. 25076 (5247); Mexico: Hda. El Sabino about 20 mi. S Uruapan, Michoacán; J. R. Bresson; 1935.

*Leptotyphlops phillipsi* Barbour, 1914, Proc. New England Zool. Club, 5: 87, figs.

Paratype. 41522 (MCZ 9648); Arabia: Petra; Mann and Phillips; 1914.

*Liotyphlops rowani* Smith and Grant, 1958, Herpetologica, 14(4): 207–209.

Holotype. 41731; Central America: Pacific shoreline, Ft. Clayton Reservation, Canal Zone, Panamá; Chapman Grant; Jan. 30–March 13, 1958.

*Masticophis bilineatus lineolatus* Hensley, 1950, Trans. Kansas Acad. Sci., 53: 272.

Holotype. 5611; Arizona: 12.9 mi. S and 5 mi. E Ajo, Sonoita, Tucson junction, Pima Co.; M. Hensley; May 15, 1949.

Topoparatype. 5612; Arizona: 12.9 mi. S and 5 mi. E Ajo, Sonoita, Tucson junction, Pima Co.; M. Hensley; May 23, 1949.

*Masticophis ruthveni* Ortenburger, 1923, Occ. Pap. Mus. Zool. Univ. Mich., (139): 3–8, pls. 1–3.

Paratype. 43493 (UMMZ 57684); Texas: Brownsville, Cameron Co.; A. I. Ortenburger; n.d.

*Micrurus diastema proximans* Smith and Chrapliwy, 1958, Herpetologica, 13(4): 270–271.

Holotype. 40369; Mexico: 4 mi. NE San Blas, Nayarit; W. Davis, W. Z. Lidicker, and J. Winkelmann; July 16, 1956.

*Micrurus lemniscatus diutius* Burger, 1955, Bol. Mus. Cienc. Nat. Venezuela, 1: 40–48.

Paratype. 22627; British Guiana: Hosorora, Northwest District; W. L. Burger; Aug. 15, 1950.

*Natrix cyclopion floridana* Goff, 1936, Occ. Pap. Mus. Zool. Univ. Mich., (327): 1.

Paratype. 43494 (UMMZ 75644); Florida: 1 ½ mi. S Tamiami Trail, nr. Miami, Dade Co.; Earl Moore; March 19, 1933.

*Natrix erythrogaster flavigaster* Conant, 1949, Copeia, (1): 2–5, pl. 1, fig. 3.

Paratype. 39963 (CNHM 54019); Louisiana: Frenier Beach, St. John the Baptist Par.; Cagle and Chaney; May 9, 1947.

*Natrix harteri paucimaculata* Tinkle and Conant, 1961, Southwestern Nat., 6(1): 33–44, fig. 1–3.

Paratypes. 49336–7; Texas: Colorado River at Robertlee, Coke Co.; D. W. Tinkle and D. L. McGregor; Oct. 8, 1960.

*Natrix rhombifera werleri* Conant, 1953, Nat. Hist. Misc., 126: 4–6.

Paratypes. 33859; Mexico: 5 mi. SE Alvarado, Veracruz; D. Darling; Feb. 22–28, 1953. 3841–2; Mexico: 11 mi. E Martínez de la Torre; P. W. Smith, W. L. Burger, and others; April 23, 1949.

*Natrix rigida sinicola* Huheey, 1959, *Copeia*, (4): 305, figs. 2, 4.

Holotype. 1159; Texas: Beaumont, Jefferson Co., Texas; W. B. Robertson; May 2, 1948.

Paratypes. 16923–26; Texas: 7 mi. E Athens, Henderson Co.; O. Sanders; Feb. 14, 1937. 21905; 5 mi. N Channelview, Harris Co.; O. Sanders; March 10, 1951.

*Natrix sipedon insularum* Conant and Clay, 1937, *Occ. Pap. Mus. Zool. Univ. Mich.*, (346): 1–9, pls. 1–3.

Paratype. 39964 (CNHM 27137); Ohio: Put-in-Bay, Lake Erie; Roger Conant; n.d.

*Ninia diademata nietoi* Burger and Werler, 1954, *Univ. Kansas Sci. Bull.*, 36: 657–660.

Holotype. 28512; Mexico: San Andrés Tuxtla, Veracruz; J. Werler; 1951. Remarks. No. of type in text is incorrectly given as 2851.

*Ninia sebae morleyi* Schmidt and Andrews, 1936, *Field Mus. Nat. Hist.*, Zool. Ser., 20: 169.

Paratype. 41519 (MCZ 26824); Mexico: Chichén Itzá, Yucatán; E. H. Thompson; n.d.

*Oxybelis potosiensis* Taylor, 1941, *Univ. Kansas Sci. Bull.*, 27: 128–130.

Holotype. 25069 (23614); Mexico: 38 km. NW Ciudad Maiz, San Luis Potosí; E. H. Taylor; Sept. 7, 1940.

*Phyllorhynchus decurtatus norrisi* Smith and Langebartel, 1951, *Herpetologica*, 7: 181.

Holotype. 23887; Mexico: 45.1 mi. S Santa Ana, Sonora; R. W. Abbuhl and D. Langebartel; July 3, 1951.

Paratype. 23888; Mexico: La Posa, near Guaymas, Sonora; E. H. Taylor; July 10, 1934.

*Pliocerus andrewsi pacificus* Smith and Chrapliwy, 1957, *Herpetologica*, 13(4): 233–235, pl. 1.

Holotype. 40832; Mexico: Pacific slopes of Finca Custepeque, District of Tonalá, 40 mi. ESE Tonalá, Chiapas; Thomas MacDougall; Nov. 18, 1956.

*Pliocerus elapoides salvadorensis* Mertens, 1952, Zoöl. Anz., 148: 91.  
Paratype. 44707 (SMF 42816); El Salvador: Finca El Paraiso, 900 m., Santa Tecla, Dept. La Libertad; E. Fischer; Oct. 17, 1950.

*Psammophis biseriatus tanganicus* Loveridge, 1940, Bull. Mus. Comp. Zool., 87: 57.

Paratype. 41523 (MCZ 30385); Tanganyika: Kikuyu Ugogo, near Dodoma; A. Loveridge; Dec. 21, 1929.

*Pseudopareas vagrans* Dunn, 1923, Proc. Biol. Soc. Wash., 36: 187.  
Paratype. 41527 (MCZ 17430); Perú: Bellavista; G. K. Noble; 1916.

*Rhadinea macdougalli* Smith and Langebartel, 1950, Jour. Wash. Acad. Sci., 39(12): 413.

Holotype. 3775; Mexico: near Buena Vista, crest of Sierra Madre, 4,000–4,500 ft., directly N Río Grande, Oaxaca; T. MacDougall; March 7, 1949.

*Rhadinella schistosa* Smith, 1941, Copeia: 7–10.

Topoparatype. 18725 (23571); Mexico: Cuautlapan, Veracruz; E. H. Taylor; summer, 1940.

*Salvadora intermedia richardi* Smith, 1941, Smith. Misc. Coll., 99(20): 6–9.

Holotype. 25071 (23470); Mexico: 1 mi. N Tehuacán, Puebla; R. C. and E. H. Taylor; Aug. 8, 1940.

*Salvadora lineata* Schmidt, 1940, Field Mus. Nat. Hist., Zool. Ser., 24: 148–150, fig. 15.

Paratype. 39965 (CNHM 3395); Texas: Brownsville, Cameron Co.; 1922.

*Scaphiodontophis cyclura* Taylor and Smith, 1943, Univ. Kansas Sci. Bull., 29: 318–320.

Holotype. 25074 (23618); Mexico: Cuautlapan, Veracruz; E. H. Taylor; June, 1940.



*Sonora erythrura* Taylor, 1937, *Herpetologica*, 1: 69–71.

Holotype. 25063 (5440); Mexico: 10 mi. S Taxco, Guerrero; E. H. Taylor; July 17, 1936.

*Storeria dekayi texana* Trapido, 1944, *Amer. Midl. Nat.*, 31: 63–69, figs. 45–50.

Paratype. 41521 (MCZ 3815); Nebraska: Fort McPherson, McPherson Co. (?); collector unknown; n.d.

*Storeria dekayi wrightorum* Trapido, 1944, *Amer. Midl. Nat.*, 31(1): 57, figs.

Paratype. 41520 (MCZ 125); Indiana: New Harmony, Posey Co.; collector unknown; n.d.

*Storeria hidalgoensis* Taylor, 1942, *Herpetologica*, 2: 78–79.

Holotype. 25061 (16145); Mexico: Zacualtipan, Hidalgo; E. H. Taylor; Aug. 13, 1938.

*Storeria occipitomaculata pahasapae* Smith, 1963, *Herpetologica*, 19: 17–21, fig. 1.

Holotype. 48564; South Dakota: Dunmire's Lodge, Lead, Lawrence Co.; H. M. Smith; Aug. 16, 1960.

Paratypes. 51426; South Dakota: Terraville, Lawrence Co.; John W. Berg; May 26, 1947. 51427–9; Wyoming: 8 mi. NE Four Corners, Weston Co.; Bruce and Rozella Smith; Aug. 23–28, 1962. 51430; Wyoming: 7 mi. SE Moskee, Crook Co.; H. M. Smith; Aug. 26, 1962.

Hypoparatypes. 51420–5; topotypes, 51431–6; Wyoming: 7 mi. SE Moskee, Crook Co.; H. M. Smith; Aug. 29, 1962. (All embryos, essentially full term.)

*Tantilla brevicauda* Mertens, 1952, *Zoöl. Anz.*, 149: 137.

Paratype. 44708 (SMF 43246); El Salvador: Finca El Carmen, 1,319 m., Ostkegel des Vulkans San Vicente, Dept. San Vicente; A. Engelhard; Nov. 28, 1951.

*Tantilla brevissima* Taylor, 1937, *Trans. Kansas Acad. Sci.*, 39: 344–345.

Holotype. 25075 (4557); Mexico: near Tonalá, Chiapas; E. H. Taylor and H. M. Smith; Aug. 27–31, 1935.

*Tantilla flavilineata* Smith and Burger, 1950, *Herpetologica*, 6: 117–119.

Holotype. 6321; Mexico: 8 mi. SE Nochixtlán, Oaxaca; W. L. and J. Burger; Aug. 23, 1949.

Topoparatypes. 6322, 6324; Mexico: 8 mi. SE Nochixtlán, Oaxaca; W. L. and J. Burger; Aug. 23, 1949.

*Tantilla hobartsmithi* Taylor, 1937, *Trans. Kansas Acad. Sci.*, 39: 340–342.

Holotype. 25066 (4558); Mexico: La Posa, near Guaymas, Sonora; E. H. Taylor; July 3, 1934.

*Tantilla martindalcampoi* Taylor, 1937, *Trans. Kansas Acad. Sci.*, 39: 347–348.

Holotype. 25062 (4550); Mexico: near El Treinte (1 mi. N Organos), Guerrero; E. H. Taylor and H. M. Smith; June 28, 1932.

*Tantilla phrenitica* Smith, 1942, *Zoologica*, 27: 39.

Paratype. 27403 (22367); Mexico: El Limón Totalco, Veracruz; D. Forbes; Sept., 1939.

Topoparatypes. 27404–5 (23561, –4); Mexico: Cuautlapan, Veracruz; E. H. Taylor; summer, 1940.

*Tantilla triseriata* Smith and Smith, 1951, *Proc. Biol. Soc. Wash.*, 44: 97–99.

Holotype. 20198; Mexico: Coatlán, Oaxaca; T. MacDougall; Oct. 9, 1949.

*Thamnophis eburatus* Taylor, 1940, *Herpetologica*, 1: 187–189.

Holotype. 25067 (5556); Mexico: Cerro San Felipe, Oaxaca; E. H. Taylor and H. Roberts; Aug. 18, 1938.

*Thamnophis eques postremus* Smith, 1942, *Zoologica*, 27: 109–110.

Topoparatype. 23433 (5274); Mexico: Hda. El Sabino, 20 mi. S Uruapan, Michoacán; J. R. Bresson; Aug.–Oct., 1935.

*Thamnophis eques virgatenuis* Conant, 1963, *Copeia* (3): 490–494.

Paratypes. 48487; Mexico: 0.8 mi. NE Coyotes, Durango; K. L. Williams and P. S. Chrapliwy; July 17, 1958. 35581; Mexico: El Salto, Durango;

Barden and Firschein; 1952-53. 41585; Mexico: 4 mi. E El Salto, Durango; Langebartel, Schaffner, and Widdows; Aug. 31, 1957. 48485; Mexico: 6.5 mi. NE El Salto, Durango; K. L. Williams and P. S. Chrapliwy; July 17, 1958. 41584; Mexico: 5 mi. W El Salto, Durango; Langebartel, Schaffner, and Widdows; Aug. 31, 1957.

*Thamnophis halophilus* Taylor, 1940, *Herpetologica*, 183-187.

Holotype. 25073 (5560); Mexico: 7 mi. N Zacualtipan, Hidalgo; E. H. Taylor; Aug. 12, 1938.

*Thamnophis melanogaster canescens* Smith, 1942, *Zoologica*, 27: 117-120.

Topoparatypes. 18861-69 (4970A, 4973, 5022, -26, -29, -32, -35, -38, -41), 27455-60 (4921, -23, -26, -29, -32, -38); Mexico: Lake Chapala, at Chapala, Jalisco; H. M. Smith; July 2, 1935.

Paratypes. 18870-1 (5068, 5071); Mexico: 3 mi. E Celaya, Guanajuato; H. M. Smith and E. H. Taylor; Aug. 12, 1932.

*Thamnophis melanogaster chihuahuaensis* Tanner, 1959, *Herpetologica*, 15(4): 170-173, figs. 1-2.

Paratype. 47170 (BYU 14209); Mexico: Bavispe River, below Three Rivers (very near Chihuahua, Sonora line), Chihuahua; W. W. Tanner and G. Robinson; June 29, 1958.

*Thamnophis mendax* Walker, 1955, *Copeia*, 2: 110-113.

Paratype. 37293 (UMMZ 104308); Mexico: along mountain trail between Gómez Farías and La Joya de Salas, Tamaulipas; F. Harrison; Aug. 28, 1951.

*Thamnophis ruthveni* Hartweg and Oliver, 1938, *Occ. Pap. Mus. Zool. Univ. Mich.*, (390): 1-4.

Paratype. 43491 (UMMZ 82494); Mexico: vicinity of Tehuantepec, Oaxaca; N. Hartweg, J. Oliver; July 9, 1936.

*Thamnophis vicinus* Smith, 1942, *Zoologica*, 27: 104-106.

Paratype. 23435 (15897); Mexico: Morelia, Michoacán; H. D. Thomas; 1938.

Remarks. EHT-HMS 15897 is incorrectly listed as a topotype in the description.

*Toluca megalodon* Taylor and Smith, 1942, Univ. Kansas Sci. Bull., 28: 338-340.

Holotype. 25077 (23640); Mexico: Cerro San Felipe, Oaxaca; E. H. Taylor; July 10, 1940.

*Trimeresurus dunni* Hartweg and Oliver, 1938, Occ. Pap. Mus. Zool. Univ. Mich., (390): 6-7, pl. 1, figs. B, D.

Paratype. 43492 (UMMZ 82731); Mexico: vicinity of Tehuantepec, Oaxaca; N. Hartweg, J. Oliver; July 2, 1936.

*Trimorphodon biscutatus semirutus* Smith, 1943, Proc. U.S. Nat. Mus., 93: 492-493.

Paratype. 19132 (5339); Mexico: Hda. El Sabino, Michoacán; H. M. Smith; Aug. 21, 1931.

*Trimorphodon paucimaculatus* Taylor, 1936, Univ. Kansas Sci. Bull., 24: 527-529.

Holotype. 25072 (4570); Mexico: Mazatlán, Sinaloa; E. H. Taylor; July 24, 1934.

*Tropidoclonium lineatum iowae* Call, 1891, Amer. Jour. Sci., (4)1: 298-9.

Lectoholotype. 53022 (CMNH 219); Iowa: Des Moines, Polk Co.; collector unknown; 1888.

*Tropidophis pardalis barbouri* Bailey, 1937, Proc. New England Zool. Club, 16: 49.

Paratype. 41524 (MCZ 37895); Bahama Isl.: Long Isl., Mortimer's South Point; T. Barbour; Feb., 1934.

*Xenodon mexicanus* Smith, 1940, Proc. Biol. Soc. Wash., 53: 57.

Paratype. 48063 (D. M. Forbes 70); Mexico: Potrero Viejo, Veracruz; D. M. Forbes; April 14, 1939.

























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